



# PERMIT DRAWINGS

## COLUMBIA COUNTY BRD. OF COMM.

### JOB # 25-08047

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#### BUILDING LOADS

A) THIS IS TO CERTIFY THAT THIS STRUCTURE IS DESIGNED UTILIZING THE LOADS INDICATED AND APPLIED AS REQUIRED BY IBC 24

B) THIS CERTIFICATION IS LIMITED TO THE STRUCTURAL DESIGN OF THE FRAMING AND COVERING PARTS MANUFACTURED BY THE BUILDING MANUFACTURER AND AS SPECIFIED IN THE CONTRACT. ACCESSORY ITEMS SUCH AS DOORS, WINDOWS, LOUVERS, TRANSLUCENT PANELS, VENTILATORS ARE NOT INCLUDED, ALSO EXCLUDED ARE OTHER PARTS OF THE PROJECT NOT PROVIDED BY THE BUILDING MANUFACTURER SUCH AS FOUNDATIONS, MASONRY WALLS, MECHANICAL EQUIPMENT AND THE ERECTION AND INSPECTION OF THE BUILDING. THE BUILDING SHOULD BE ERECTED ON A PROPERLY DESIGNED FOUNDATION IN ACCORDANCE WITH THE BUILDING MANUFACTURER'S DESIGN MANUAL, THE ATTACHED DRAWINGS, AND GOOD ERECTION PRACTICES. THE CONTRACTOR AND/OR ENGINEER OF RECORD IS TO CONFIRM THAT THESE LOADS COMPLY WITH REQUIREMENTS OF THE LOCAL BUILDING DEPT.

DEAD LOAD	3.0	PSF	(FOR ROOF PANELS AND PURLINS)
ROOF LIVE LOAD	20.0	PSF	(REDUCIBLE Yes)
COLLATERAL DEAD LOAD	3.0	PSF	(FOR CEILING, SPRINKLERS, ETC.)
GROUND SNOW LOAD	4.00	PSF	ROOF SNOW LOAD 3.4 PSF Ce 1.0 Ct 1.2
WIND BANKING LOADS	PER CODE	RAIN SURCHARGE	PSF
WIND LOAD	120	MPH	WIND EXPOSURE B
CLOSURE TYPE	Enclosed	Cat	±
OCCUPANCY CATEGORY	II	Ix	1.00 Iy 1.0 Iz 1.00
SEISMIC			
SPECTRAL RESPONSE	Se 0.1400	S1 0.0610	Ss 0.1200 SD1 0.0867
SITE CLASS	D	DESIGN CATEGORY	B
DESIGN BASE SHEAR	3.03	KIPS	LONGITUDINAL 3.20 KIPS - TRANSVERSE
SEISMIC RESPONSE COEFFICIENTS, Ca	0.04	FRAMES	0.04 ROD BRACING
RESPONSE MODIFICATION FACTOR, R	3.00	FRAMES	3.00 ROD BRACING
BASIC SEISMIC FORCE RESISTING SYSTEM	Steel Systems Not Specifically Detailed For Seismic Resistance		
ANALYSIS PROCEDURE	Equivalent Lateral Force Procedure		

#### GENERAL NOTES

- A) THE STRUCTURE UNDER THIS CONTRACT HAS BEEN DESIGNED AND DETAILED FOR THE LOADS AND CONDITIONS STIPULATED IN THE CONTRACT AND SHOWN ON THESE DRAWINGS. ANY ALTERATIONS TO THE STRUCTURAL SYSTEM OR REMOVAL OF ANY COMPONENT PARTS, OR THE ADDITION OF OTHER CONSTRUCTION MATERIALS OR LOADS MUST BE DONE UNDER THE ADVICE AND DIRECTION OF A REGISTERED ARCHITECT, CIVIL OR STRUCTURAL ENGINEER. THE BUILDING MANUFACTURER WILL ASSUME NO RESPONSIBILITY FOR ANY LOADS NOT INDICATED.
- B) THIS METAL BUILDING IS DESIGNED WITH THE BUILDING MANUFACTURER'S STANDARD PRACTICES WHICH ARE BASED ON PERTINENT PROCEDURES AND RECOMMENDATIONS OF THE FOLLOWING ORGANIZATIONS AND CODES.
- AMERICAN INSTITUTE OF STEEL CONSTRUCTION: "SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS"
  - AMERICAN IRON AND STEEL INSTITUTE: "SPECIFICATION FOR THE DESIGN OF COLD FORMED STEEL STRUCTURAL MEMBERS"
  - AMERICAN WELDING SOCIETY: "STRUCTURAL WELDING CODE" AWS D1.1.
  - METAL BUILDING MANUFACTURER'S ASSOCIATION: "LOW RISE BUILDING SYSTEMS MANUAL"
- C) 1) MATERIAL PROPERTIES OF STEEL PLATE USED IN THE FABRICATION OF PRIMARY RIGID FRAMES, AND OTHER PRIMARY STRUCTURAL EXCLUSIVE OF COLD-FORMED SECTIONS, CONFORM TO ASTM-A529 OR A572 - FLANGES CONFORM TO A529 WITH A MINIMUM YIELD POINT OF 55,000 psi. WEB MATERIAL CONFORMS TO ASTM-A572 WITH A MINIMUM YIELD POINT OF 55,000 psi.
- MATERIAL PROPERTIES OF PIPE SECTIONS CONFORM TO ASTM-A53 TYPE E, GRADE B WITH A MINIMUM YIELD POINT OF 35,000 psi.
  - MATERIAL PROPERTIES OF TUBE SECTIONS CONFORM TO ASTM-A500, GRADE B WITH A MINIMUM YIELD POINT OF 45,000 psi.
  - MATERIAL PROPERTIES OF HOT ROLLED ANGLE MEMBERS CONFORM TO THE REQUIREMENTS OF ASTM-A36 WITH MINIMUM YIELD POINT OF 36,000 PSI. HOT ROLLED W-SHAPED AND CHANNEL MEMBERS CONFORM TO THE REQUIREMENTS OF ASTM-A992/A572 WITH MINIMUM YIELD POINT OF 50,000 PSI.
  - MATERIAL PROPERTIES OF COLD FORMED LIGHT GAGE STEEL MEMBERS CONFORM TO ASTM-A570 OR A607 GRADE 55 MODIFIED WITH A MINIMUM YIELD POINT OF 57,000 psi.
  - MATERIAL PROPERTIES OF ROOF/WALL SHEETING, BASE METAL CONFORM TO ASTM-A792 GRADES D OR E WITH MINIMUM YIELD POINTS OF 50,000 psi AND 80,000 psi RESPECTIVELY, AS REQUIRED BY DESIGN. COATING OF BASE MATERIAL IS 55K ALUMINUM-ZINC ALLOY IN ACCORDANCE WITH A255 SPECIFICATIONS.
  - ROD UTILIZED FOR BRACING MEMBERS CONFORM TO ASTM-A36 WITH MINIMUM YIELD POINT OF 36,000 PSI.
  - ANCHOR BOLTS 3/4" IN DIAMETER THRU 1 1/4" IN DIAMETER CONFORM TO A.S.T.M. F1554 GR. 36.
  - ANCHOR BOLTS 1/2" IN DIAMETER CONFORM TO A.S.T.M. A-307.
  - ALL STEEL MEMBERS EXCEPT BOLTS, FASTENERS, CABLE AND RODS SHALL RECEIVE ONE COAT OF STANDARD GRAY/RED SHOP PRIMER. SEE TABLE ON THIS SHEET FOR COLOR.
  - SHOP AND FIELD INSPECTIONS AND ASSOCIATED FEES ARE THE RESPONSIBILITY OF THE CONTRACTOR, UNLESS STIPULATED OTHERWISE IN THE CONTRACT.
  - BOLT AND WASHER REQUIREMENTS ARE PER AISC16 "SPECIFICATION FOR STRUCTURAL JOINTS USING A325 OR A490 BOLTS".

#### SAFETY COMMITMENT

- A) THE BUILDING MANUFACTURER HAS A COMMITMENT TO MANUFACTURE QUALITY BUILDING COMPONENTS THAT CAN BE SAFELY ERECTED. HOWEVER, THE SAFETY COMMITMENT AND JOB SITE PRACTICES OF THE ERECTOR ARE BEYOND THE CONTROL OF THE BUILDING MANUFACTURER.
- B) IT IS STRONGLY RECOMMENDED THAT SAFE WORKING CONDITIONS AND ACCIDENT PREVENTION PRACTICES BE THE TOP PRIORITY OF ANY JOB SITE.
- C) LOCAL, STATE AND FEDERAL SAFETY AND HEALTH STANDARDS SHOULD ALWAYS BE FOLLOWED TO HELP INSURE WORKER SAFETY.
- D) MAKE CERTAIN ALL EMPLOYEES KNOW THE SAFEST AND MOST PRODUCTIVE WAY OF ERECTING A BUILDING. EMERGENCY PROCEDURES SHOULD BE KNOWN TO ALL EMPLOYEES.
- E) DAILY MEETINGS HIGHLIGHTING SAFETY PROCEDURES ARE ALSO RECOMMENDED. THE USE OF HARD HATS, RUBBER SOLED SHOES FOR ROOF WORK, PROPER EQUIPMENT FOR HANDLING MATERIAL, AND SAFETY NETS WHERE APPLICABLE, ARE RECOMMENDED.

#### ERECTOR / CONTRACTOR RESPONSIBILITIES

- A) IT IS THE RESPONSIBILITY OF THE ERECTOR/CONTRACTOR TO INSURE THAT ALL PROJECT PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE REQUIREMENTS OF ANY GOVERNING BUILDING AUTHORITIES. THE SUPPLYING OF SEALED ENGINEERING DATA AND DRAWINGS FOR THE METAL BUILDING SYSTEM DOES NOT IMPLY OR CONSTITUTE AN AGREEMENT THAT THE BUILDING MANUFACTURER OR ITS DESIGN ENGINEER IS ACTING AS THE ENGINEER OF RECORD OR DESIGN PROFESSIONAL FOR A CONSTRUCTION PROJECT.
- B) THE CONTRACTOR MUST SECURE ALL REQUIRED APPROVALS AND PERMITS FROM THE APPROPRIATE AGENCY AS REQUIRED.
- C) APPROVAL OF THE MANUFACTURER'S DRAWINGS AND CALCULATIONS INDICATE THAT THE BUILDING MANUFACTURER CORRECTLY INTERPRETED AND APPLIED THE REQUIREMENTS OF THE CONTRACT DRAWINGS AND SPECIFICATIONS. (SECT. 4.4.1 CODE OF STANDARD PRACTICES, ASC16.)
- D) WHERE DISCREPANCIES EXIST BETWEEN THE MANUFACTURER'S STRUCTURAL STEEL PLANS AND THE PLANS FOR OTHER TRADES, THE STRUCTURAL STEEL PLANS SHALL GOVERN. (SECT. 3.3 CODE OF STANDARD PRACTICES ASC16.)
- E) DESIGN CONSIDERATIONS OF ANY MATERIALS IN THE STRUCTURE WHICH ARE NOT FURNISHED BY THE BUILDING MANUFACTURER ARE THE RESPONSIBILITY OF THE CONTRACTORS AND ENGINEERS OTHER THAN THE BUILDING MANUFACTURER'S ENGINEERS UNLESS SPECIFICALLY INDICATED.
- F) THE ERECTOR/CONTRACTOR IS RESPONSIBLE FOR ALL ERECTION OF STEEL AND ASSOCIATED WORK IN COMPLIANCE WITH THE BUILDING MANUFACTURER'S "FOR CONSTRUCTION" DRAWINGS.
- G) PRODUCTS SHIPPED TO ERECTOR/CONTRACTOR OR HIS CUSTOMER SHALL BE INSPECTED BY ERECTOR/CONTRACTOR IMMEDIATELY UPON ARRIVAL. CLAIMS FOR SHORTAGES OR DEFECTIVE MATERIAL IF NOT PACKAGED MUST BE SENT TO THE MANUFACTURER IN WRITING WITHIN FIVE (5) DAYS AFTER RECEIPT OF THE SHIPMENT. HOWEVER, IF A DEFECT IS OF SUCH A NATURE THAT REASONABLE VISUAL INSPECTION WOULD FAIL TO DISCLOSE IT, THEN THE CLAIM MUST BE MADE WITHIN FIVE (5) DAYS AFTER THE ERECTOR/CONTRACTOR LEARNS OF THE DEFECT. THE MANUFACTURER WILL NOT BE LIABLE FOR ANY DEFECT UNLESS CLAIM IS MADE WITHIN ONE (1) YEAR AFTER DATE OF THE ORIGINAL SHIPMENT BY THE MANUFACTURER TO CONTRACTOR OR HIS CUSTOMER. THE MANUFACTURER WILL BE GIVEN A REASONABLE OPPORTUNITY TO INSPECT DEFECTIVE MATERIALS UPON RECEIPT OF CLAIM BY CONTRACTOR.
- H) IF A DEFECT IS OF SUCH NATURE THAT IT CAN BE REMEDIED BY A FIELD OPERATION AT THE JOB SITE WITHOUT THE NECESSITY OF RETURNING THE MATERIAL TO THE MANUFACTURER, THEN UPON WRITTEN AUTHORIZATION OF THE MANUFACTURER THE CONTRACTOR MAY REPAIR OR CAUSE THE MATERIAL TO BE REPAIRED AND THE MANUFACTURER WILL REIMBURSE THE CONTRACTOR FOR THE COST OF THE REPAIR IN ACCORDANCE WITH THE WRITTEN AUTHORIZATION.
- I) ALL COLLUM AND RAFTER FLANGE BRACING WHERE SHOWN IS REQUIRED AND SHALL BE CONNECTED FROM THE FRAMES TO SECONDARY FRAMING (GIRTS, PURLINS OR JOISTS) PRIOR TO INSTALLATION OF ROOF DECKING, ROOF PANELS OR WALL SHEETING.
- J) TEMPORARY SUPPORTS, SUCH AS TEMPORARY GUYS, BRACES, FALSE WORK, CRIBBING OR OTHER ELEMENTS REQUIRED FOR THE ERECTION OPERATION WILL BE DETERMINED AND FURNISHED AND INSTALLED BY THE ERECTOR. THESE TEMPORARY SUPPORTS WILL SECURE THE STEEL FRAMING, OR ANY PARTIALLY ASSEMBLED STEEL FRAMING, AGAINST LOADS COMPARABLE IN INTENSITY TO THOSE FOR WHICH THE STRUCTURE WAS DESIGNED, RESULTING FROM WIND, SEISMIC FORCES AND ERECTION OPERATIONS, BUT NOT THE LOADS RESULTING FROM THE PERFORMANCE OF WORK BY OR THE ACTS OF OTHERS, NOR SUCH UNPREDICTABLE LOADS AS THOSE DUE TO TORNADO, EXPLOSION OR COLLISION. (SECT. 7.10 CODE OF STANDARD PRACTICE, ASC16.)
- K) IT IS THE RESPONSIBILITY OF THE SHEETING INSTALLER TO ENSURE THAT GIRTS ARE LEVEL PRIOR TO INSTALLING THE WALL SHEETING.
- L) DESIGN OF GUTTER AND DOWNSPOUT IS A FUNCTION OF THE RAINFALL INTENSITY AND AREA TO BE DRAINED. DESIGN PARAMETERS UTILIZED ARE IN ACCORDANCE WITH THE 1998 LOW RISE BUILDING SYSTEMS MANUAL AND/OR THE 9TH EDITION OF THE ARCHITECTURAL GRAPHIC STANDARDS. PROPER OWNER MAINTENANCE DICTATES THAT THE DRAINAGE SYSTEM BE KEPT FREE AND CLEAR OF DEBRIS AND/OR ICE AT ALL TIMES TO ENSURE PROPER FUNCTION OF THE GUTTER AND DOWNSPOUT. IN THOSE CASES WHERE THE OWNER/TENANT OF A PROPERTY IS UNWILLING OR UNABLE TO PROVIDE PROPER MAINTENANCE, ELIMINATION OF GUTTER SHOULD BE CONSIDERED AS AN ALTERNATE.
- M) ABRASIVE SAWS (CIRCULAR SAWS WITH FRICTION DISKS) ARE NOT RECOMMENDED WHEN FIELD CUTTING PANELS AND FLASHING. ABRASIVE SAWS CREATE HIGH HEAT THAT MAY BURN AWAY THE PROTECTIVE COATING FROM THE PANEL EDGE, CAUSING THE EDGE TO RUST. ABRASIVE SAW DUST CONTAINS FINE, HOT STEEL PARTICLES WHICH ACCUMULATE ON PANEL AND FLASHING SURFACES WHERE THEY RUST AND CAUSE DAMAGE TO THOSE SURFACES. RUST CAUSED BY ABRASIVE SAW DAMAGE OR ABRASIVE DUST PARTICLES CAN BE EXCLUDED FROM WARRANTY CLAIMS. REFERENCE THE PANEL INSTALLATION MANUAL FOR ADDITIONAL GUIDELINES FOR SHEARING AND MARKING PANELS AND FLASHING.

#### APPROVAL NOTES

THE FOLLOWING CONDITIONS APPLY IN THE EVENT THAT THESE DRAWINGS ARE USED AS APPROVAL DRAWINGS:

- A) IT IS IMPERATIVE THAT ANY CHANGES TO THESE DRAWINGS:
- BE MADE IN CONTRASTING INK.
  - HAVE ALL INSTANCES OF CHANGE CLEARLY INDICATED.
  - BE LEGIBLE AND UNAMBIGUOUS.
- B) DATED SIGNATURE IS REQUIRED ON ALL PAGES.
- C) MANUFACTURER RESERVES THE RIGHT TO RESUBMIT DRAWINGS WITH EXTENSIVE OR COMPLEX CHANGES REQUIRED TO AVOID MISFABRICATION. THIS MAY IMPACT THE DELIVERY SCHEDULE.
- D) APPROVAL OF THESE DRAWINGS INDICATES CONCLUSIVELY THAT THE MANUFACTURER HAS CORRECTLY INTERPRETED THE CONTRACT REQUIREMENTS, AND FURTHER CONSTITUTES AGREEMENT THAT THE BUILDING AS DRAWN, OR AS DRAWN WITH INDICATED CHANGES REPRESENTS THE TOTAL OF THE MATERIALS TO BE SUPPLIED BY MANUFACTURER.
- E) ANY CHANGES NOTED ON THE DRAWINGS NOT IN CONFORMANCE WITH THE TERMS AND REQUIREMENTS OF THE CONTRACT BETWEEN MANUFACTURER AND ITS CUSTOMER ARE NOT BINDING ON MANUFACTURER UNLESS SUBSEQUENTLY SPECIFICALLY ACKNOWLEDGED AND AGREED TO IN WRITING BY CHANGE ORDER OR SEPARATE DOCUMENTATION. MANUFACTURER RECOGNIZES THAT RUBBER STAMPS ARE ROUTINELY USED FOR INDICATING APPROVAL, DISAPPROVAL, REJECTION, OR MERE REVIEW OF THE DRAWINGS SUBMITTED. HOWEVER, MANUFACTURER DOES NOT ACCEPT CHANGES OR ADDITIONS TO CONTRACTUAL TERMS AND CONDITIONS THAT MAY APPEAR WITH USE OF A STAMP OR SIMILAR INDICATION OF APPROVAL, DISAPPROVAL, ETC. SUCH LANGUAGE APPLIED TO MANUFACTURER'S DRAWINGS BY THE CUSTOMER, ARCHITECT, ENGINEER, OR ANY OTHER PARTY WILL BE CONSIDERED AS UNACCEPTABLE ALTERATIONS TO THESE DRAWING NOTES, AND WILL NOT ALTER THE CONTRACTUAL RIGHTS AND OBLIGATIONS EXISTING BETWEEN MANUFACTURER AND ITS CUSTOMER.

BUILDING CODE SPECIFICATIONS REQUIRE CONSIDERATION OF SNOW SURCHARGES FOR ANY LOWER ROOF OF A STRUCTURE LOCATED WITHIN 20FT. OF A HIGHER STRUCTURE. INFORMATION SUPPLIED TO THE METAL BUILDING SUPPLIER DOES NOT INDICATE PRESENCE OF A SHADOWING HIGHER STRUCTURE WITHIN THIS 20FT. ENVELOPE, AND AS SUCH, SNOW SURCHARGES HAVE NOT BEEN CONSIDERED IN THE DESIGN. [2]

THIS PROJECT IS DESIGNED AS AN ENCLOSED BUILDING. ACCESSORIES (DOORS, WINDOWS, ETC.) BY OTHERS MUST BE DESIGNED AS "COMPONENTS AND CLADDING" IN ACCORDANCE TO SPECIFIC WIND PROVISIONS OF REFERENCED BUILDING CODE. [3]

#### BOLT TIGHTENING REQUIREMENTS

- IT IS THE RESPONSIBILITY OF THE ERECTOR TO INSURE PROPER BOLT TIGHTNESS IN ACCORDANCE WITH APPROPRIATE REGULATIONS. THE FOLLOWING CRITERIA IS IN COMPLIANCE WITH THE LATEST SPECIFICATIONS, HOWEVER THE ERECTOR IS RESPONSIBLE TO VERIFY LOCAL AUTHORITY REQUIREMENTS.
- ALL ASTM A325 HIGH STRENGTH BOLTS SHALL BE TIGHTENED TO THE "SNUG TIGHT" CONDITION AS PERMITTED BY THE SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS (DECEMBER 31, 2009), UNLESS AS INDICATED BELOW OR INDICATED AS PRE-TENSIONED ELSEWHERE IN THESE DRAWINGS WITH -PT DESIGNATION.
  - PRE-TENSION BOLTS AT ANY CONNECTIONS NOTED WITH A490 HIGH STRENGTH BOLTS.
  - PRE-TENSION BOLTS ON PRIMARY FRAMING, BOLTED BRACING AND STRUT CONNECTIONS IF LOCATED IN IBC SEISMIC PERFORMANCE / DESIGN CATEGORY D, E, OR F. SEE CODES AND LOADS ABOVE FOR SEISMIC DESIGN CATEGORY.
  - CONNECTIONS THAT SUPPORT RUNNING MACHINERY AND OTHER SOURCES OF IMPACT OR STRESS REVERSAL MUST BE PRE-TENSIONED.
  - PRE-TENSION BOLTS AT ALL SLIP CRITICAL CONNECTIONS AS INDICATED IN THESE DRAWINGS WITH -SC DESIGNATION. -SC TYPE CONNECTIONS MUST BE FREE OF PAINT, OIL OR OTHER MATERIALS THAT REDUCE THE FRICTION AT CONTACT SURFACES.
  - CONNECTIONS OF SECONDARY MEMBERS (GIRTS, PURLINS, WIND COLUMNS) AND FLANGE BRACES SHALL BE TIGHTENED TO THE "SNUG TIGHT" CONDITION, EVEN IF ABOVE CONDITIONS EXIST, UNLESS SPECIFICALLY NOTED OTHERWISE IN THESE DRAWINGS OR DETAILS.
  - PRE-TENSIONED CONNECTIONS SHALL BE ASSEMBLED AND THE FASTENERS TIGHTENED IN ACCORDANCE WITH "TURN-OF-NUT" METHOD AS DESCRIBED IN THE SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS (DECEMBER 31, 2009), UNLESS OTHERWISE NOTED.

This item has been digitally signed and sealed by Ashokbhai A. Patel on the date adjacent to the seal. Printed copies of this documents are not considered signed and sealed and the signature must be verified on any electronic copies.

#### BUILDING DESCRIPTION:

BASIC SIZE:	WIDTH	LENGTH	HEIGHT	ROOF PITCH	ENDWALL FRAME TYPE	
					LEFT	RIGHT
BLDG A	50	175	12 / 12	1.0:12 / 1.0:12	Inset	Rigid
BLDG	?????	?????	?????	?????	?????	?????
BLDG	?????	?????	?????	?????	?????	?????
BLDG	?????	?????	?????	?????	?????	?????

SHEETING:				BLANKET TYPE INSULATION:					
BASE CONDITION:	GAGE	TYPE	COLOR	ROOF: TYPE	N/ATHICK	N/A	WALL: TYPE	N/A THICK	N/A
BASE ANGLE	26	Go	PR	Galvalume	ROOF		USED IN CONJUNCTION WITH LEAD OR COPPER. BOTH LEAD AND COPPER HAVE HARMFUL CORROSION EFFECTS ON THE ALUMINUM ZINC ALLOY COATING WHEN THEY ARE USED IN CONTACT WITH GALVALUME STEEL PANELS. EVEN RUN-OFF FROM COPPER FLASHING, WIRING, OR TUBING ONTO GALVALUME SHOULD BE AVOIDED.		
	26	Go	PR	NEED COLOR	WALL				
	---	Go	---	---	BACKPNL				
		Go			LINER				
	0	Go	NONE	---	SOFFIT				
TAPE SEAL:	TRIM:	(1/8" POP RIVETS AT SPLICES)					MEMBER ROOF (# 12 x 1 1/4)	STITCH ROOF (# 14 x 7/8)	
3/4" [X]	---	Go	NEED COLOR	RAKE			MEMBER WALL (# 12 x 1 1/4)	STITCH WALL (# 14 x 7/8)	
1/2" [ ]	---	Go	NEED COLOR	EAVE	RAKE TO ROOF:	STITCH	RAKE TO WALL:	STITCH	
	---	Go	NEED COLOR	GUTTER	GUTTER TO ROOF:	STITCH	GUTTER STRAPS:	STITCH	
	---	Go	NEED COLOR	CORNER	CORNER TRIM:	STITCH	RAKE ANGLE:	MEMBER	
	---	Go	NEED COLOR	ACCESS.	STEEL COLOR:	PRIMARY	TBD		
						SECONDARY	TBD		

KEY PLAN  
BUILDING

ISSUE				
NO.	DATE	DESCRIPTION	BY	CK'D
A	11/17/25	FOR APPROVAL	TM	
B	12/5/25	FOR PERMIT ONLY	TM	

DRAWING STATUS	
<input type="checkbox"/>	FOR APPROVAL: THESE DRAWINGS, BEING FOR APPROVAL, ARE BY DEFINITION NOT FINAL, AND ARE FOR CONCEPTUAL REPRESENTATION ONLY. THEIR PURPOSE IS TO CONFIRM PROPER INTERPRETATION OF THE PROJECT DOCUMENTS. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.
<input checked="" type="checkbox"/>	FOR PERMIT: THESE DRAWINGS, BEING FOR PERMIT, ARE BY DEFINITION NOT FINAL IN THAT AS A MINIMUM, PIECE MARKINGS ARE NOT IDENTIFIED. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.
<input type="checkbox"/>	FOR CONSTRUCTION: THESE DRAWINGS ARE FINAL AND ISSUED FOR FIELD USE FOR BUILDING ERECTION

ASHOKBHAJI A. PATEL  
LICENSE No. 78663  
STATE OF FLORIDA  
PROFESSIONAL ENGINEER

12-08-2025  
ENGINEER SEAL

**APECA**  
AllSouth Pre-Engineered Components, LLC.  
985 Technology Drive  
Dothan, AL 36303

(334) 699-8394  
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CUSTOMER: LMC STEEL  
PROJECT: COLUMBIA COUNTY BRD. OF COMM.  
LOCATION: LAKE CITY FL, 32055

JOB NUMBER: 25-08047  
DESCRIPTION: DRAWING COVER SHEET

SCALE: NTS  
DESIGN: AP  
DRAWN BY: TM

DWG. NO.  
**CVR**



**ENDWALL COLUMN: BASIC COLUMN REACTIONS (k)**

Frm Line	Col Line	Dead	Wind Press	Wind Suct	Wind Long	Seis
Line	Line	Vert	Horz	Horz	Vert	Vert
F	4	0.1	-1.5	1.7	0.0	
F	2	0.1	-1.5	1.7	0.0	
J	2	0.1	-1.7	1.8	0.0	
J	4	0.1	-1.7	1.8	0.0	

**ENDWALL COLUMN: MAXIMUM REACTIONS**

Frm Line	Col Line	Column_Reactions(k)			V		
		Load Id	Hmax	Vmax			
F	4	6	1.0	0.1	7	-0.9	0.1
		8	1.0	0.1			
F	2	6	1.0	0.1	7	-0.9	0.1
		8	1.0	0.1			
J	2	6	1.1	0.1	7	-1.0	0.1
		8	1.1	0.1			
J	4	6	1.1	0.1	7	-1.0	0.1
		8	1.1	0.1			

**ENDWALL COLUMN: MAXIMUM REACTIONS**

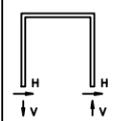
Frm Line	Col Line	Column_Reactions(k)			V		
		Load Id	Hmax	Vmax			
F	4	6	1.1	0.1	7	-0.9	0.1
		8	1.1	0.1			
F	2	6	1.1	0.1	7	-0.9	0.1
		8	1.1	0.1			
J	2	6	1.1	0.1	7	-1.0	0.1
		8	1.1	0.1			
J	4	6	1.1	0.1	7	-1.0	0.1
		8	1.1	0.1			

**BUILDING BRACING REACTIONS**

Loc	Line	Reactions in plane of wall				Note
		Wind	Seismic	Wind	Seis	
L_EW	F					(h)
F_SW	1	D,E				(o)
R_SW	J	D,E				(o)
B_SW	5	D,E				(o)

(o) Wind bent in bay  
(h) Rigid frame at endwall  
Reactions for seismic represent shear force, Eh  
Reaction values shown are unfactored

**WIND BENT REACTIONS**



Loc	Line	Col Line	Reactions		Seismic(k)
			Wind(k)	Vert	
F_SW	1	D	1.5	1.4	0.8
F_SW	1	E	1.5	1.4	0.8
B_SW	5	E	1.5	1.4	0.8
B_SW	5	D	1.5	1.4	0.8

**RIGID FRAME: BASIC COLUMN REACTIONS (k)**

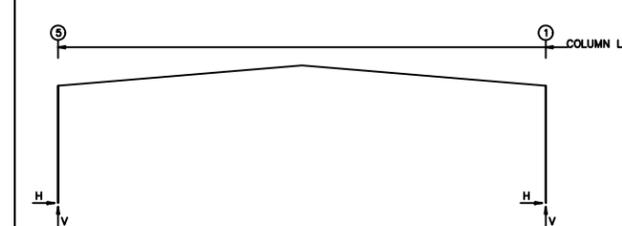
Frame Line	Column Line	Dead						Live						Snow						Wind_Left1						Wind_Right1					
		Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert								
A	1	-1.0	1.9	0.7	1.3	-2.7	5.3	0.8	1.4	-3.8	-5.2	-3.4	-7.9																		
		-1.0	1.9	0.7	1.3	-2.7	5.3	0.8	1.4	-3.8	-5.2	-3.4	-7.9																		
A	5	-3.5	-7.2	-3.7	-5.8	-5.1	-8.5	2.2	3.6	-0.1	0.1	0.1	0.1																		
		-3.5	-7.2	-3.7	-5.8	-5.1	-8.5	2.2	3.6	-0.1	0.1	0.1	0.1																		
A	1	-1.4	2.9	-1.1	2.0	-4.1	8.5	-1.2	2.3	5.2	-12.6	5.9	-8.3																		
		-1.4	2.9	-1.1	2.0	-4.1	8.5	-1.2	2.3	5.2	-12.6	5.9	-8.3																		
B*	5	-5.3	-11.7	-5.8	-9.4	-4.9	-8.6	2.6	4.5	-0.2	-0.1	0.2	0.1																		
		-5.3	-11.7	-5.8	-9.4	-4.9	-8.6	2.6	4.5	-0.2	-0.1	0.2	0.1																		
B*	1	-1.4	2.7	-0.9	1.2	-0.9	2.1	0.9	1.2	-0.2	0.1	0.2	0.1																		
		-1.4	2.7	-0.9	1.2	-0.9	2.1	0.9	1.2	-0.2	0.1	0.2	0.1																		
F	5	1.4	2.7	1.1	2.0	4.2	8.5	1.2	2.3	-7.7	-10.8	-2.5	-10.3																		
		1.4	2.7	1.1	2.0	4.2	8.5	1.2	2.3	-7.7	-10.8	-2.5	-10.3																		
F	1	-1.4	2.7	-1.1	2.0	-4.2	8.5	-1.2	2.3	2.5	-10.3	7.7	-10.8																		
		-1.4	2.7	-1.1	2.0	-4.2	8.5	-1.2	2.3	2.5	-10.3	7.7	-10.8																		
F	1	-7.6	-10.0	-2.4	-6.0	-3.7	-8.8	-3.9	-7.8	-0.2	-0.1	0.2	0.1																		
		-7.6	-10.0	-2.4	-6.0	-3.7	-8.8	-3.9	-7.8	-0.2	-0.1	0.2	0.1																		
F	5	1.4	2.7	0.9	2.1	0.9	2.1	0.9	2.1	-0.9	2.1	0.9	2.1																		
		1.4	2.7	0.9	2.1	0.9	2.1	0.9	2.1	-0.9	2.1	0.9	2.1																		
F	1	-1.4	2.7	-0.9	1.2	-0.9	2.1	0.9	2.1	-0.9	2.1	0.9	2.1																		
		-1.4	2.7	-0.9	1.2	-0.9	2.1	0.9	2.1	-0.9	2.1	0.9	2.1																		
G	5	1.4	2.7	1.1	2.0	4.2	8.5	1.2	2.3	-7.5	-12.7	-2.4	-8.2																		
		1.4	2.7	1.1	2.0	4.2	8.5	1.2	2.3	-7.5	-12.7	-2.4	-8.2																		
G	1	-1.4	2.7	-1.1	2.0	-4.2	8.5	-1.2	2.3	2.4	-8.2	7.5	-12.7																		
		-1.4	2.7	-1.1	2.0	-4.2	8.5	-1.2	2.3	2.4	-8.2	7.5	-12.7																		
G	5	-5.1	-7.8	-0.9	-3.3	-3.4	-10.7	-3.8	-8.6	-0.2	-0.1	0.2	0.1																		
		-5.1	-7.8	-0.9	-3.3	-3.4	-10.7	-3.8	-8.6	-0.2	-0.1	0.2	0.1																		
G	1	0.9	-3.3	6.1	-7.8	3.8	-8.6	3.4	-10.7	-0.2	0.1	0.2	0.1																		
		0.9	-3.3	6.1	-7.8	3.8	-8.6	3.4	-10.7	-0.2	0.1	0.2	0.1																		
G	5	1.4	2.7	0.9	2.1	0.9	2.1	0.9	2.1	-0.9	2.1	0.9	2.1																		
		1.4	2.7	0.9	2.1	0.9	2.1	0.9	2.1	-0.9	2.1	0.9	2.1																		
G	1	-1.4	2.7	-0.9	1.2	-0.9	2.1	0.9	2.1	-0.9	2.1	0.9	2.1																		
		-1.4	2.7	-0.9	1.2	-0.9	2.1	0.9	2.1	-0.9	2.1	0.9	2.1																		
J	5	0.9	1.8	0.7	1.3	-2.6	5.3	0.8	1.4	-5.8	-9.9	-2.5	-6.4																		
		0.9	1.8	0.7	1.3	-2.6	5.3	0.8	1.4	-5.8	-9.9	-2.5	-6.4																		
J	1	-0.9	1.8	-0.7	1.3	2.6	-5.3	-0.8	-1.4	2.5	-6.4	5.8	-9.9																		
		-0.9	1.8	-0.7	1.3	2.6	-5.3	-0.8	-1.4	2.5	-6.4	5.8	-9.9																		
J	5	-4.7	-6.9	-1.4	-3.3	-2.2	-6.7	-2.4	-5.4	-0.1	-0.1	0.1	0.1																		
		-4.7	-6.9	-1.4	-3.3	-2.2	-6.7	-2.4	-5.4	-0.1	-0.1	0.1	0.1																		
J	1	1.4	-3.3	4.7	-6.9	2.4	-5.4	2.2	-6.7	-0.1	0.1	0.1	0.1																		
		1.4	-3.3	4.7	-6.9	2.4	-5.4	2.2	-6.7	-0.1	0.1	0.1	0.1																		

B\* Frame lines: B C D E

**NOTES FOR REACTIONS**

- The reactions shown are UNFACTORED.
- All loading conditions are examined and only maximum/minimum H or V and the corresponding H or V are reported.
- Positive reactions are as shown in the sketch. Foundation loads are in opposite directions.
- Bracing reactions are in the plane of the brace, with the H pointing away from the braced bay. The vertical reaction is downward.
- Loading combinations are:
  - 1 Dead+Collateral+Live
  - 2 Dead+Collateral+0.75Live+0.45Wind\_Long2R
  - 3 0.6Dead+0.6Wind\_Left1
  - 4 0.6Dead+0.6Wind\_Right1
  - 5 0.6Dead+0.6Wind\_Long1R
  - 6 0.6Dead+0.6Wind\_Right2+0.6Wind\_Suction
  - 7 0.6Dead+0.6Wind\_Pressure+0.6Wind\_Long2L
  - 8 Dead+0.6Wind\_Right2+0.6Wind\_Suction

**FRAME LINES: A B C D E F G J**



**RIGID FRAME: MAXIMUM REACTIONS**

Frm Line	Col Line	Column_Reactions(k)			V		
		Load Id	Hmax	Vmax			
A	5	2	4.6	8.8	5	-2.5	-4.0
		2	-4.6	8.8	5	-2.5	-4.0

**RIGID FRAME: MAXIMUM REACTIONS**

Frm Line	Col Line	Column_Reactions(k)			V		
		Load Id	Hmax	Vmax			
B*	5	2	6.7	13.3	3	-2.7	-3.3
		1	6.6	13.4	4	-2.3	-5.9
B*	1	4	2.7	-3.3	2	-6.7	13.3
		1	-6.6	13.4	3	8.3	-5.9

**RIGID FRAME: MAXIMUM REACTIONS**

Frm Line	Col Line	Column_Reactions(k)			V		
		Load Id	Hmax	Vmax			
F	5	1	6.6	13.3	3	-3.8	-4.9
		1	4	3.8	-4.9	1	-6.6

**RIGID FRAME: MAXIMUM REACTIONS**

Frm Line	Col Line	Column_Reactions(k)			V		
		Load Id	Hmax	Vmax			
G	5	1	6.6	13.3	3	-3.7	-6.0
		1	4	3.7	-6.0	1	-6.6

**RIGID FRAME: MAXIMUM REACTIONS**

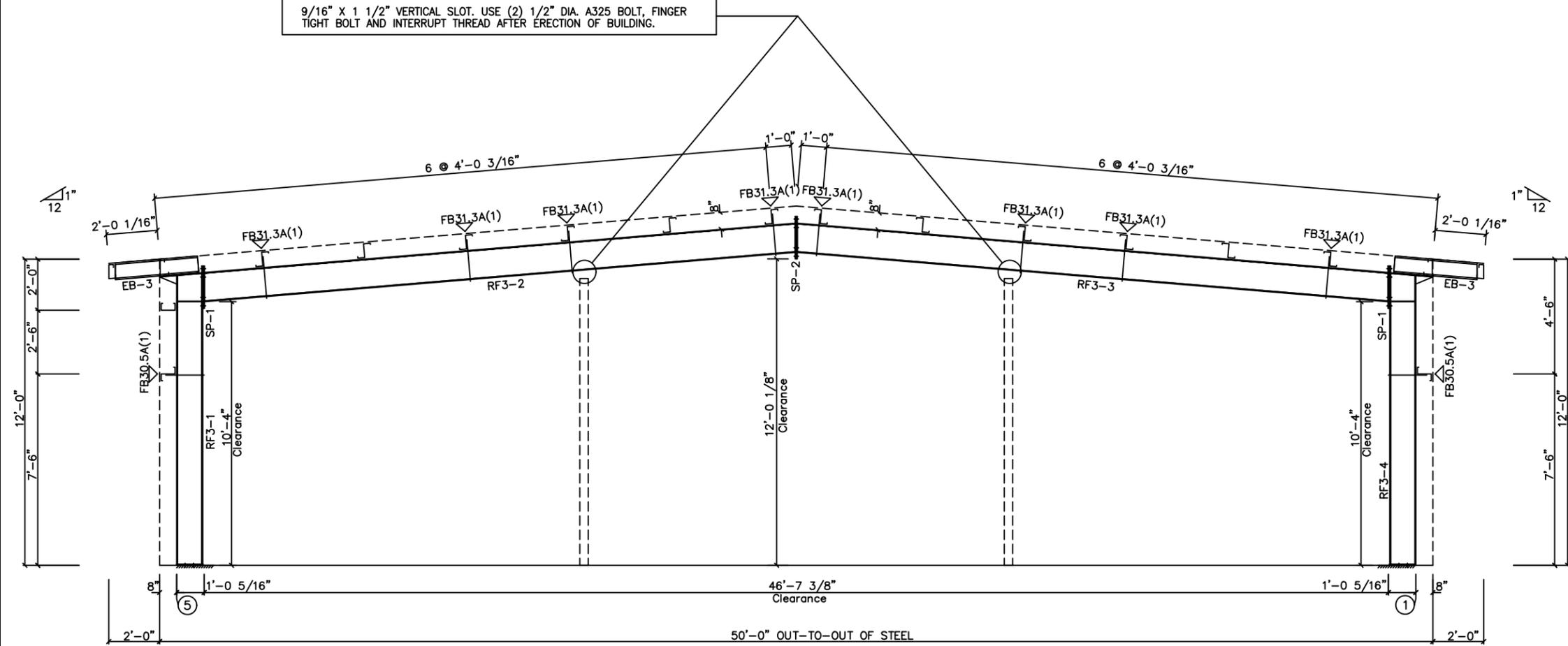




SPLICE BOLT TABLE						
Mark	Qty		Int	Type	Dia	Length
	Top	Bot				
SP-1	4	4	0	A325	3/4"	2 1/2"
SP-2	4	4	0	A325	3/4"	2 1/4"

MEMBER SIZE TABLE		
MARK	MEMBER	LENGTH
RF3-1	W12X22	11'-4 5/8"
RF3-2	W14X22	23'-4 1/2"
RF3-3	W14X22	23'-4 1/2"
RF3-4	W12X22	11'-4 5/8"
EB-3	WBX10	3'-3 1/2"

▽ FLANGE BRACES: (1) One Side; (2) Two Sides  
 FBxxA(1): xx=length(in)  
 A - L2x2x125



BUILDING CROSS SECTION: FRAME LINE F

ISSUE		
NO.	DATE	DESCRIPTION
A	11/17/25	FOR APPROVAL
B	12/5/25	FOR PERMIT ONLY

**DRAWING STATUS**

FOR APPROVAL BEING FOR APPROVAL ARE BY THESE DRAWINGS ONLY. THE DRAWING SHALL BE REVISIONED ONLY. INTERPRETATION OF THE PROJECT CAN BE CONSIDERED AS COMPLETE.

FOR PERMIT BEING FOR PERMIT ARE BY THESE DRAWINGS ONLY. THE DRAWINGS SHALL BE REVISIONED ONLY. INTERPRETATION OF THE PROJECT CAN BE CONSIDERED AS COMPLETE.

ISSUED FOR FIELD USE FOR BUILDING ERECTION



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CUSTOMER: LMC STEEL  
 PROJECT: COLUMBIA COUNTY BRD. OF COMM.  
 LOCATION: LAKE CITY FL, 32055  
 JOB NUMBER: 25-08047  
 DESCRIPTION: RIGID FRAME ELEVATION

SCALE: NTS  
 DESIGN: AP  
 DRAWN BY: TM  
 DWG. NO.  
**E-1.2**











BOLT TABLE				
FRAME LINE 5				
LOCATION	QUAN	TYPE	DIA	LENGTH
WF-1 - WF-2	8	A325	3/4"	2 1/4"
WF-1 - RF2-1	16	A325	3/4"	2 1/2"

MEMBER TABLE		
FRAME LINE 5		
MARK	PART	LENGTH
WF-1	W8X10	11'-1"
WF-2	W8X24	22'-8 5/8"
DJ-2	8X25C16	7'-2 1/4"
DJ-3	8X35C14	10'-0"
DH-2	8X25C16	3'-0"
DS-1	8X25C16	3'-0"
G-5	8X25Z16	27'-1 1/2"
G-6	8X25Z16	9'-3 1/2"
G-7	8X25C16	25'-3 1/2"
G-8	8X25Z16	7'-5 1/2"

CONNECTION PLATES	
FRAME LINE 5	
ID	MARK/PART
1	GC1
2	JC2
3	JC1
12	W8X10-PB

ISSUE	
NO.	DATE
A	11/17/25
B	12/5/25

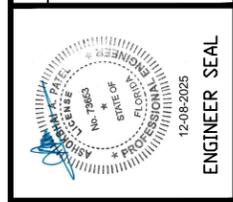
**DRAWING STATUS**

FOR APPROVAL: THESE DRAWINGS ARE BEING FOR APPROVAL AND SHALL BE USED FOR CONSTRUCTION ONLY. THEIR USE FOR ANY OTHER PURPOSE IS TO BE PROHIBITED. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FOR CONSTRUCTION.

FOR PERMIT: THESE DRAWINGS ARE BEING FOR PERMIT AND SHALL BE USED FOR CONSTRUCTION ONLY. THEIR USE FOR ANY OTHER PURPOSE IS TO BE PROHIBITED. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FOR CONSTRUCTION.

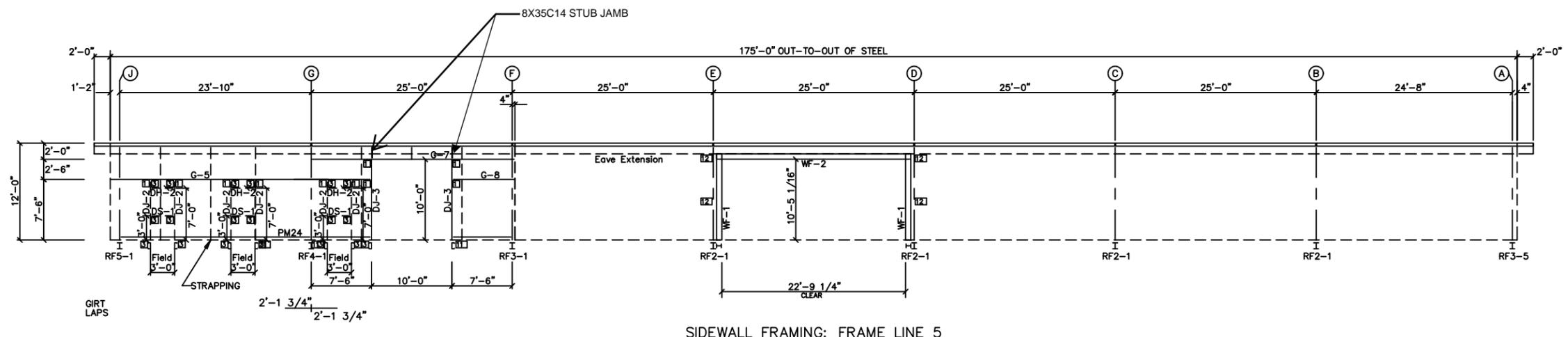
FOR CONSTRUCTION: THESE DRAWINGS ARE FINAL AND SHALL BE USED FOR CONSTRUCTION ONLY. THEIR USE FOR ANY OTHER PURPOSE IS TO BE PROHIBITED. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FOR CONSTRUCTION.

ISSUED FOR FIELD USE FOR BUILDING ERECTION

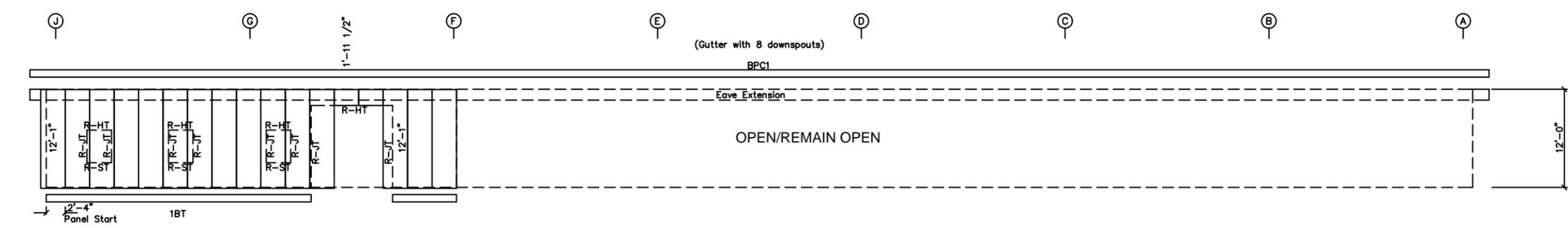


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CUSTOMER: LMC STEEL	SCALE: NTS
PROJECT: COLUMBIA COUNTY BRD. OF COM.	DESIGN: AP
LOCATION: LAKE CITY FL, 32055	DRAWN BY: TM
JOB NUMBER: 25-08047	DWG. NO. <b>E-3.1</b>
DESCRIPTION: SIDEWALL FRAMING	



ALL VEHICULAR FRAMED OPENINGS SUPPLIED ON THIS PROJECT HAVE BEEN DESIGNED TO SUPPORT WIND LOADS NORMAL TO A DOOR SYSTEM, BASED ON THE STANDARD BUILDING CODE CRITERIA. THE VEHICULAR FRAMED OPENING HAS NOT BEEN DESIGNED FOR ANY ADDITIONAL MOMENT OR CATENARY FORCE FROM THE DOOR SYSTEM. ANY CHANGES TO THE INFORMATION SHOWN HERE WOULD REQUIRE AN ENGINEERING INVESTIGATION AND POSSIBLE BUILDING REINFORCEMENT.



SIDEWALL SHEETING & TRIM: FRAME LINE 5  
 PANELS: 26 Ga. PBR - NEED COLOR

BOLT TABLE			
FRAME LINE F			
LOCATION	QUAN	TYPE	DIA
Columns/Raf	2	A325	5/8"
			1 3/4"

MEMBER TABLE		
FRAME LINE F		
MARK	PART	LENGTH
EB-2	W8X10	3'-2 3/8"
EC-1	W8X10	11'-5 7/8"
DJ-1	8X25C16	7'-2 1/4"
DH-1	8 1/8X3X5 OFC	6'-10 1/2"
G-1	8X25Z16	14'-7 3/16"
G-2	8X25Z16	15'-11 1/2"

CONNECTION PLATES	
FRAME LINE F	
ID	MARK/PART
1	GC1
2	JC2
3	JC1

ISSUE	
NO.	DESCRIPTION
A	12/17/25 FOR APPROVAL
B	12/15/25 FOR PERMIT ONLY

**DRAWING STATUS**

THESE DRAWINGS, BEING FOR APPROVAL, ARE BY THESE DRAWINGS, FINALLY, AND THE PROJECT BEING APPROVED FOR CONSTRUCTION. THE PROJECT CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROJECT CONSTRUCTION. THESE DRAWINGS, ISSUED FOR CONSTRUCTION, SHALL BE CONSIDERED AS COMPLETE.

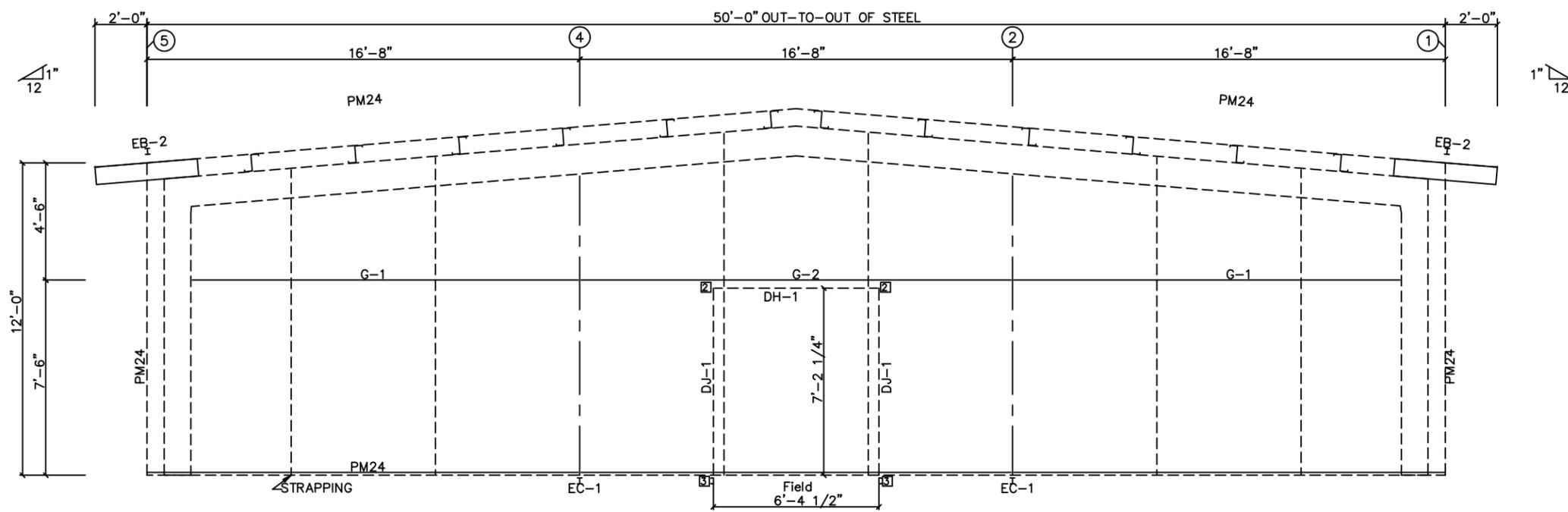
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ISSUED FOR FIELD USE FOR BUILDING ERECTION

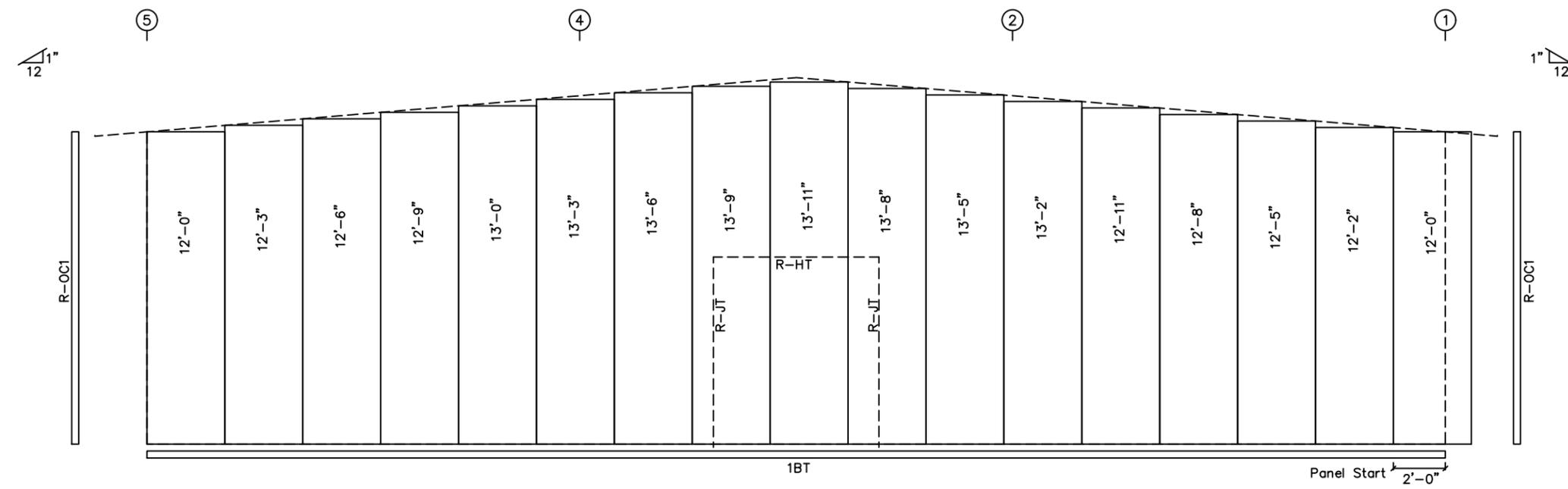


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 www.builtwithapecc.com

CUSTOMER: LMC STEEL	SCALE: NTS
PROJECT: COLUMBIA COUNTY BRD. OF COMM.	DESIGN: AP
LOCATION: LAKE CITY FL, 32055	DRAWN BY: TM
JOB NUMBER: 25-08047	DWG. NO. <b>E-4.0</b>
DESCRIPTION: ENDWALL FRAMING	



LEFT ENDWALL FRAMING: FRAME LINE F

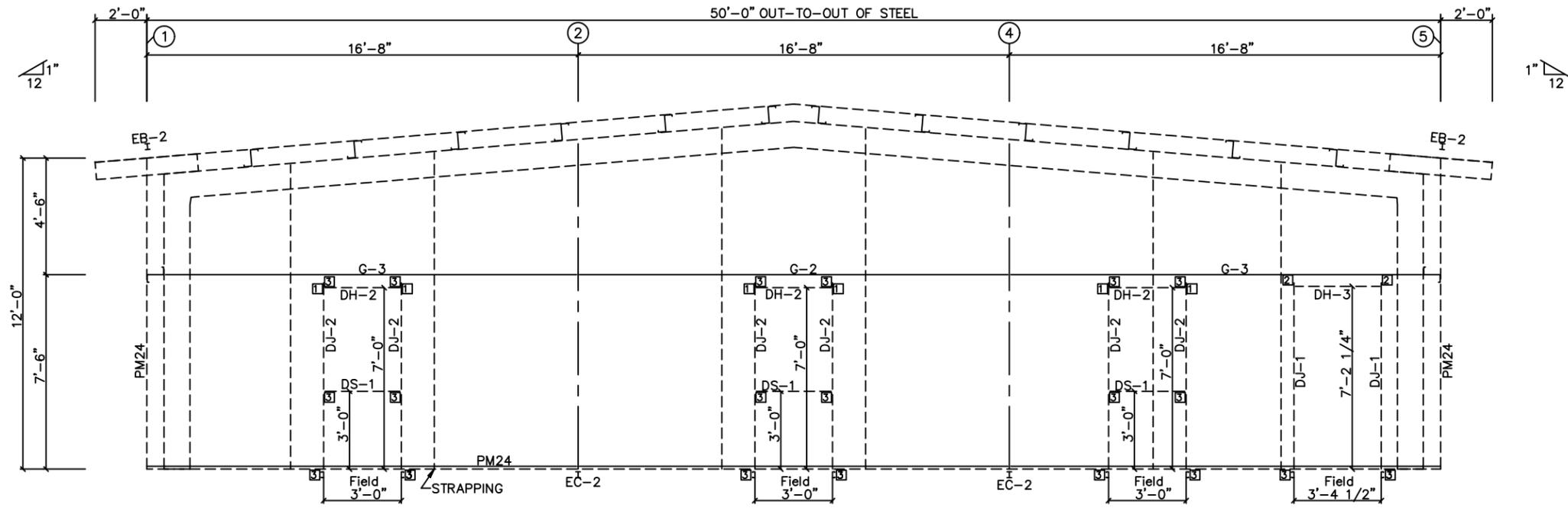


LEFT ENDWALL SHEETING & TRIM: FRAME LINE F  
 PANELS: 26 Ga. PBR - NEED COLOR

BOLT TABLE			
FRAME LINE J			
LOCATION	QUAN	TYPE	DIA
Columns/Raf	2	A325	5/8"
			1 3/4"

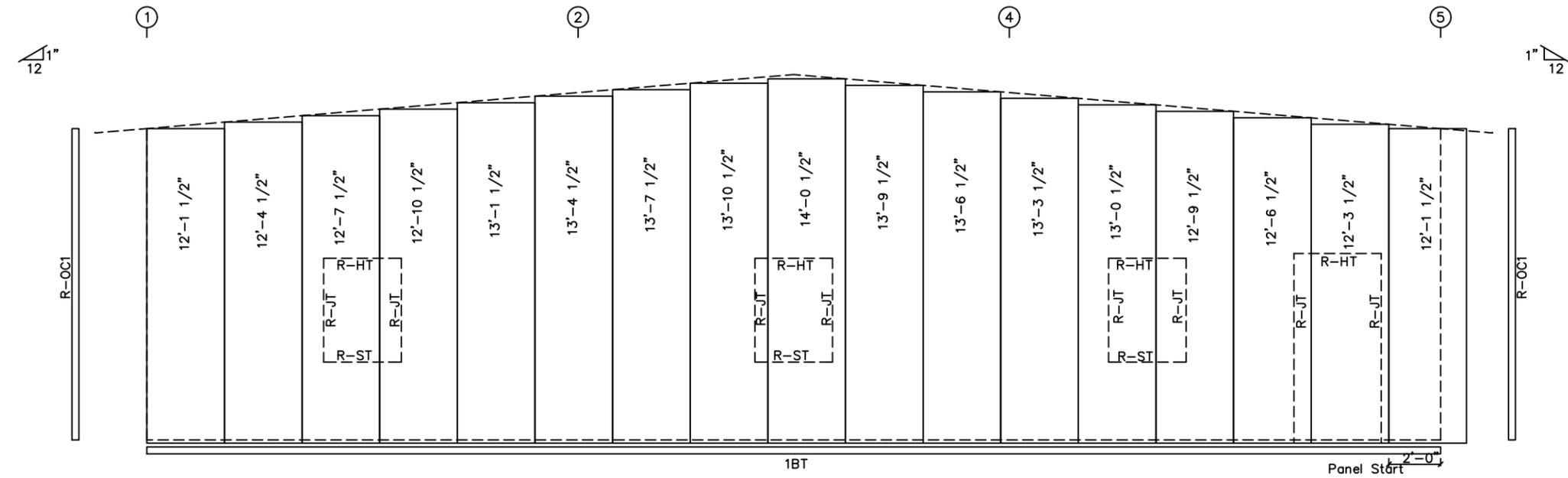
MEMBER TABLE		
FRAME LINE J		
MARK	PART	LENGTH
EB-2	WBX10	3'-2 3/8"
EC-2	WBX10	12'-6 5/8"
DJ-1	8X25C16	7'-2 1/4"
DJ-2	8X25C16	7'-2 1/4"
DH-2	8X25C16	3'-0"
DH-3	8X25C16	3'-4 1/2"
DS-1	8X25C16	3'-0"
G-2	8X25Z16	15'-11 1/2"
G-3	8X25Z16	15'-7 1/2"

CONNECTION PLATES	
FRAME LINE J	
ID	MARK/PART
1	GC1
2	JC2
3	JC1



RIGHT ENDWALL FRAMING: FRAME LINE J

NOTE: THE FRAMING AS DEPICTED ABOVE IS NOT DESIGNED TO ACCOMMODATE ANY FUTURE EXPANSION.



RIGHT ENDWALL SHEETING & TRIM: FRAME LINE J

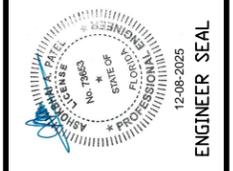
PANELS: 26 Ga. PBR - NEED COLOR

ISSUE	
NO.	DATE
A	11/17/25
B	12/25/25

**DRAWING STATUS**

FOR APPROVAL  
 THESE DRAWINGS BEING FOR APPROVAL ARE BY DEFINITION NOT FINAL, AND ARE FOR CONCEPTUAL PURPOSES ONLY. ANY CHANGES TO THESE DRAWINGS MUST BE MADE ON THE ORIGINAL DRAWING SET. ONLY DRAWINGS ISSUED FOR CONSTRUCTION CAN BE CONSIDERED AS COMPLETE.

FOR LEGAL PURPOSES, BEING FOR PERMIT, ARE BY DEFINITION NOT FINAL IN THAT A MINIMUM PIECE MARKING ARE NOT APPLICABLE. ONLY APPROVALS AND COMMENTS FOR CONSTRUCTION USE. DRAWINGS ARE FINAL AND ISSUED FOR FIELD USE FOR BUILDING ERECTION.



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CUSTOMER: LMC STEEL  
 PROJECT: COLUMBIA COUNTY BRD. OF COMM.  
 LOCATION: LAKE CITY FL, 32055  
 JOB NUMBER: 25-08047  
 DESCRIPTION: ENDWALL FRAMING

SCALE: NTS  
 DESIGN: AP  
 DRAWN BY: TM

DWG. NO.  
**E-4.1**

BOLT TABLE			
FRAME LINE F			
LOCATION	QUAN	TYPE	DIA
Columns/Raf	2	A325	5/8"
			1 3/4"

MEMBER TABLE		
FRAME LINE F		
MARK	PART	LENGTH
EB-2	W8X10	3'-2 3/8"
EC-1	W8X10	11'-5 7/8"
DJ-1	8X25C16	10'-11 3/4"
DH-1	8X25C16	10'-0"
G-1	8X25Z16	14'-7 3/16"
G-2	8X25Z16	15'-11 1/2"
G-9	8X25Z16	2'-7 1/2"

CONNECTION PLATES	
FRAME LINE F	
ID	MARK/PART
1	GC1
3	JC1

ISSUE			
NO.	DATE	DESCRIPTION	BY
A	11/17/25	FOR APPROVAL	TM
B	12/15/25	FOR PERMIT ONLY	TM

**DRAWING STATUS**

THESE DRAWINGS, BEING FOR APPROVAL, ARE BY DEFINITION NOT FINAL. ANY CHANGES TO THESE DRAWINGS SHALL BE MADE BY THE DESIGNER. THESE DRAWINGS, BEING FOR APPROVAL, ARE BY DEFINITION NOT FINAL. ANY CHANGES TO THESE DRAWINGS SHALL BE MADE BY THE DESIGNER.

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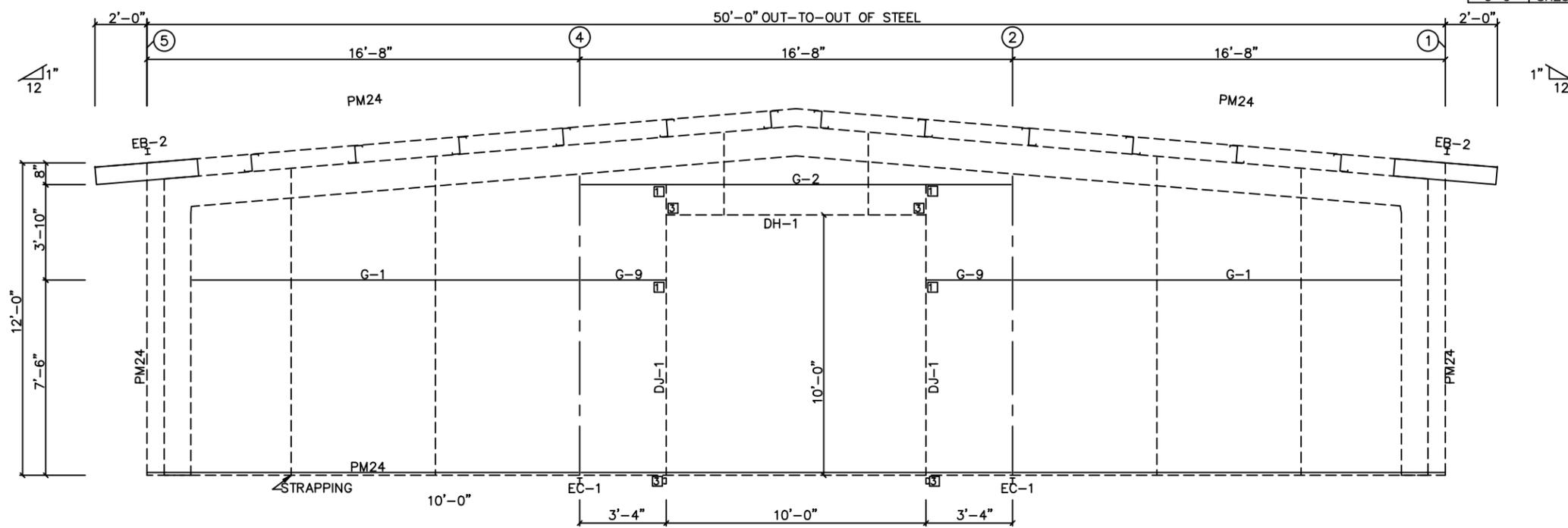
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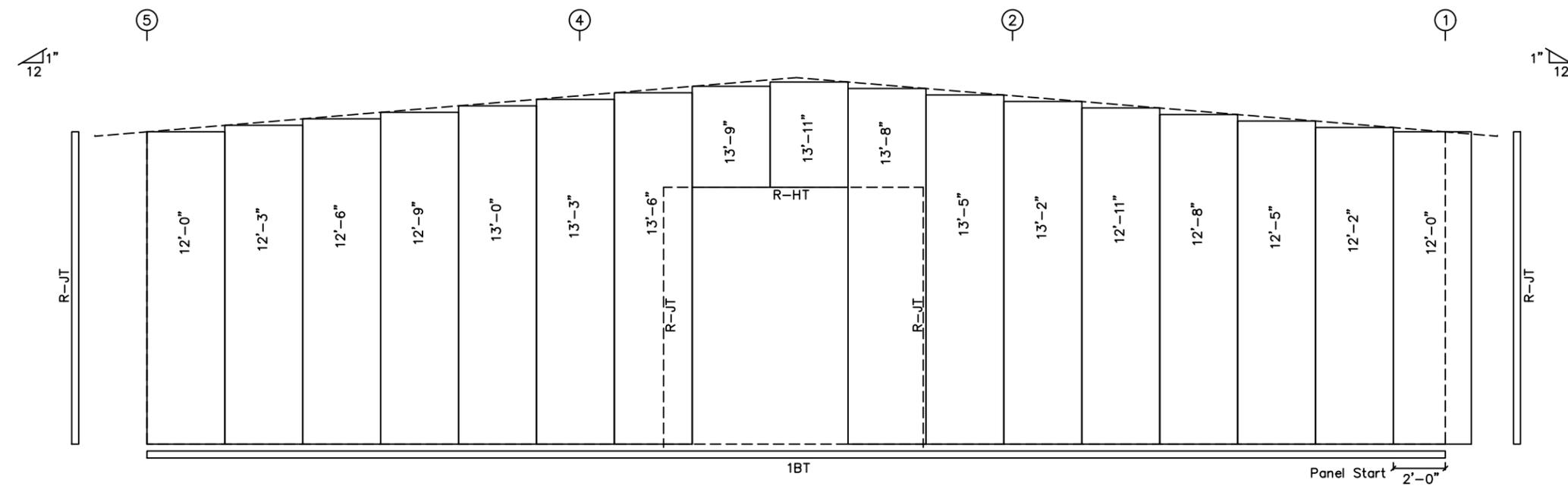


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 www.builtwithapecc.com

CUSTOMER: LMC STEEL	SCALE: NTS
PROJECT: COLUMBIA COUNTY BRD. OF COMM.	DESIGN: AP
LOCATION: LAKE CITY FL, 32055	DRAWN BY: TM
JOB NUMBER: 25-08047	DWG. NO. <b>E-4.2</b>
DESCRIPTION: ENDWALL FRAMING	



LEFT ENDWALL FRAMING: FRAME LINE A

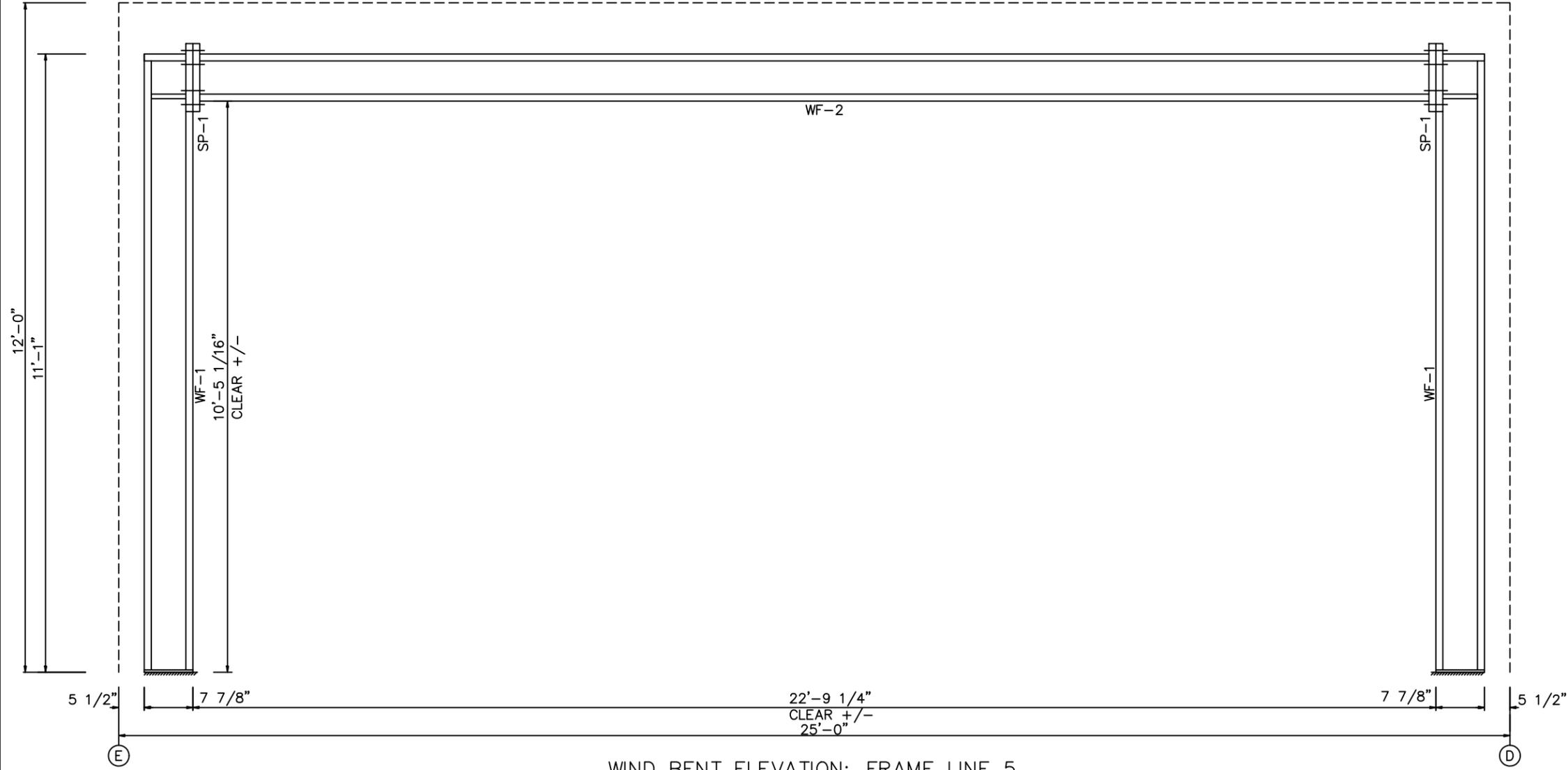


LEFT ENDWALL SHEETING & TRIM: FRAME LINE A  
 PANELS: 26 Ga. PBR - NEED COLOR



SPLICE BOLTS					
Splice Mark	Quan	Top/Bot	Type	Dia	Length
SP-1	4	4	A325	0.750	2.25

MEMBER SIZE TABLE		
MARK	MEMBER	LENGTH
WF-2	W8X24	22'-8 5/8"
WF-1	W8X10	11'-1"



WIND BENT ELEVATION: FRAME LINE 5

ISSUE	
NO.	DATE
A	11/17/25
B	12/25/25

**DRAWING STATUS**

THESE DRAWINGS, BEING FOR APPROVAL, ARE BY THE DESIGNER, ENGINEER, ARCHITECT, OR OTHER PROFESSIONAL PERSON IN THE FIELD OF THE PROJECT. THEY ARE NOT TO BE USED FOR CONSTRUCTION WITHOUT THE WRITTEN INTERPRETATION OF THE PROJECT DESIGNER/ENGINEER/ARCHITECT. ANY CHANGES TO THESE DRAWINGS MUST BE MADE BY THE PROJECT DESIGNER/ENGINEER/ARCHITECT AND BE CONSIDERED AS COMPLETE.

THESE DRAWINGS, BEING FOR PERMIT, ARE BY DEFINITION NOT FINAL. THAT IS, A MINIMUM, PIECE MARKINGS ARE NOT TO BE CONSIDERED AS COMPLETE.

FOR CONSTRUCTION, THESE DRAWINGS ARE FINAL AND ISSUED FOR FIELD USE FOR BUILDING ERECTION.



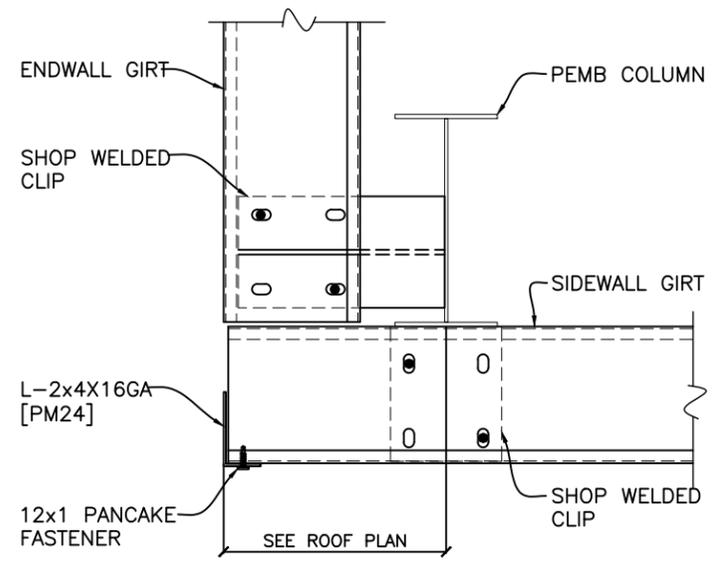
**APPEA**  
 AllSouth Pre-Engineered Components, Inc.  
 985 Technology Drive  
 Dothan, AL 36303  
 (884) 899-8394  
 (884) 899-8395 FAX  
 www.buildwithapec.com

CUSTOMER: LMC STEEL  
 PROJECT: COLUMBIA COUNTY BRD. OF COMM.  
 LOCATION: LAKE CITY FL, 32055  
 JOB NUMBER: 25-08047  
 DESCRIPTION: WIND BENT ELEVATION

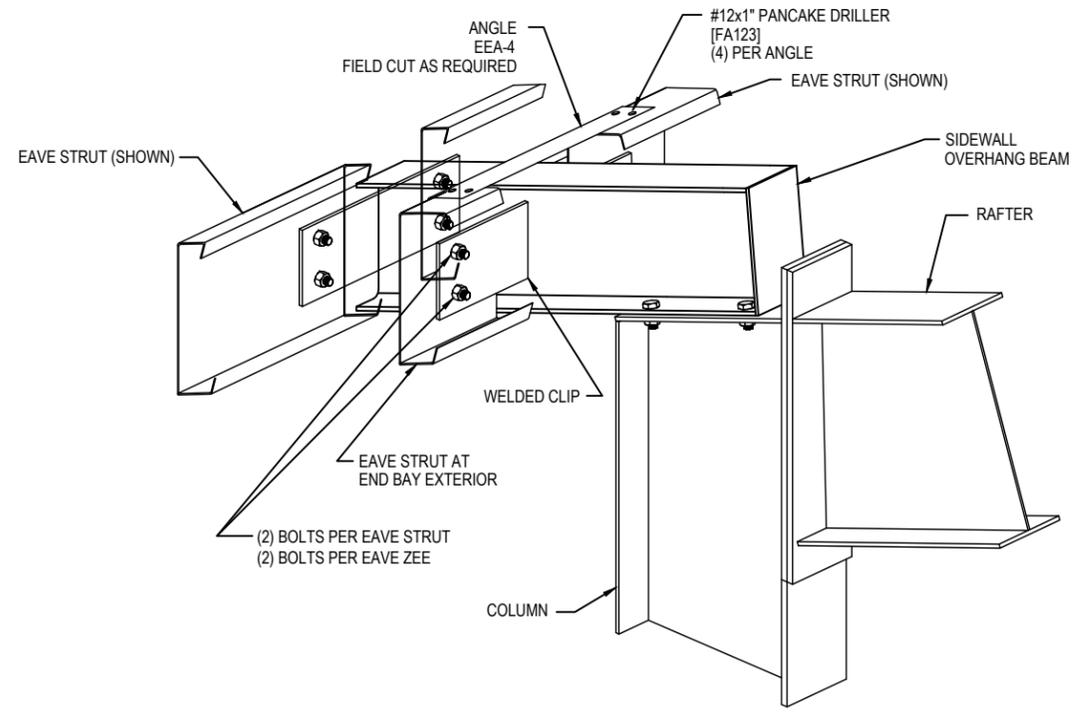
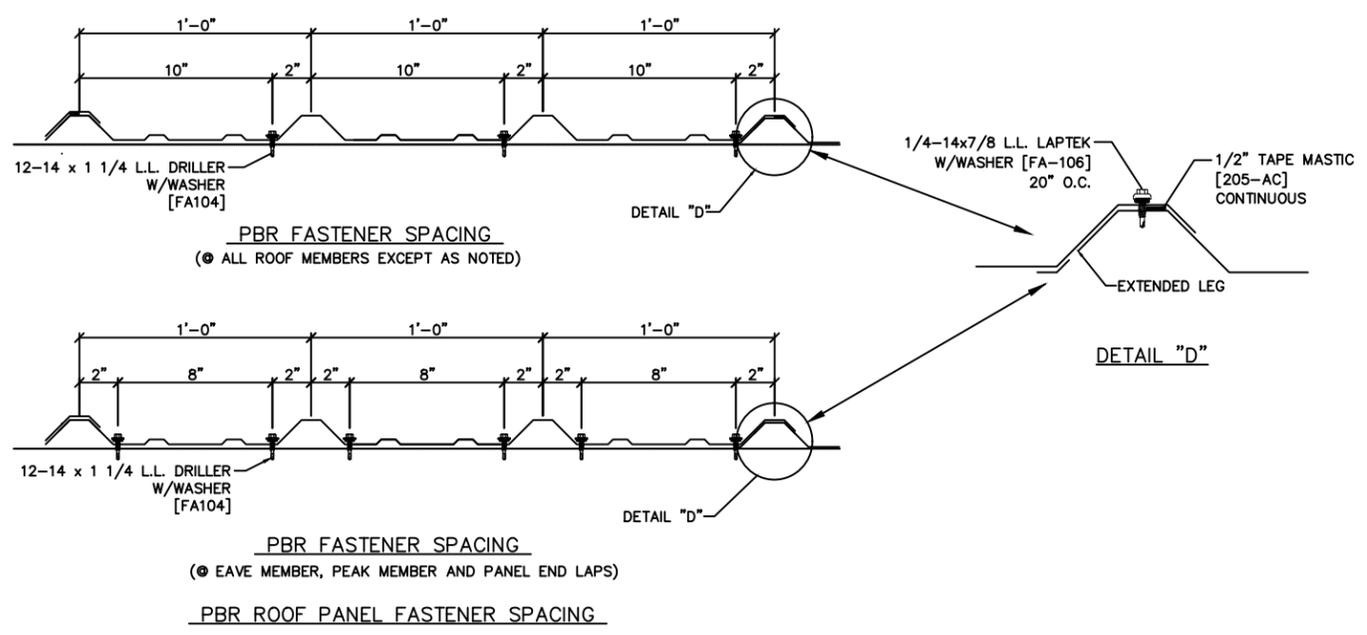
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 DESIGN: AP  
 DRAWN BY: TM

DWG. NO.  
**E-5.1**

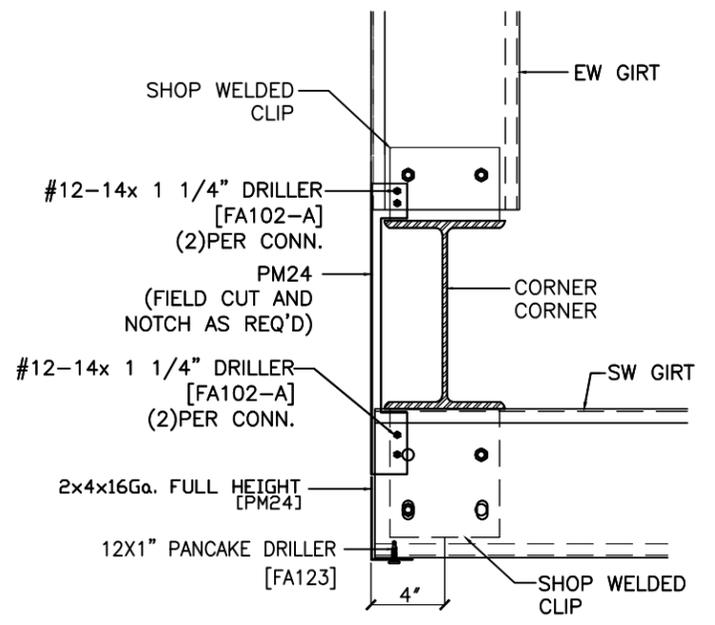




**TYPICAL CORNER GIRT CONNECTION**



**FRAMING DETAIL AT STRAIGHT COLUMN**  
(LOW SIDE SHOWN EAVE OVERHANG)



**4" ENDWALL SETBACK w/ BYPASS**  
**SIDEWALL GIRTS**  
AT GRID LINE F FRAME LINE 1

ISSUE	
NO.	DESCRIPTION
A	11/18/25 FOR APPROVAL
B	12/25/2025 FOR PERMIT ONLY

**DRAWING STATUS**

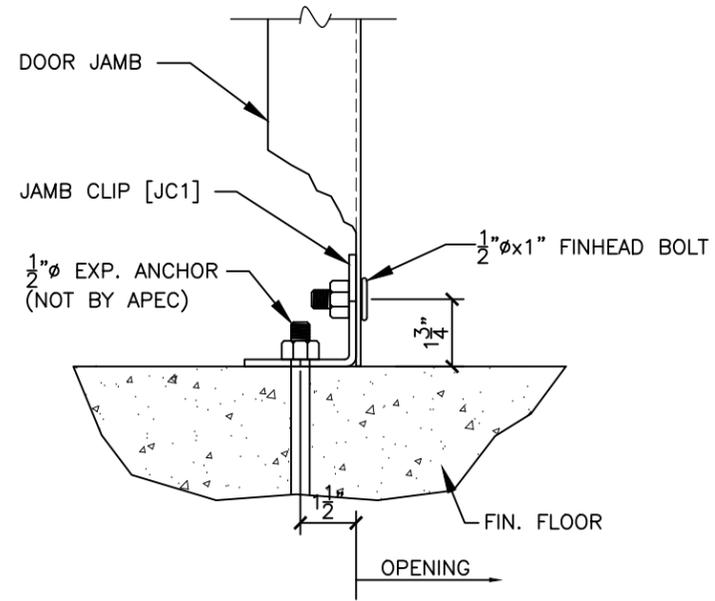
EIR APPROVALS BEING FOR APPROVAL ARE BY THESE DRAWINGS. BEING FOR APPROVAL TO REPRESENTATION ONLY. THE APPROVAL IS TO CONFIRM PROPER INTERPRETATION OF THE PROJECT CAN BE CONSIDERED AS COMPLETE.  
 EIR PERMIT. BEING FOR PERMIT USE BY DEFINITION NOT LIMITED. ONLY DRAWINGS ISSUED FOR CONSTRUCTION CAN BE CONSIDERED AS COMPLETE.  
 ISSUED FOR FIELD USE FOR BUILDING ERECTION



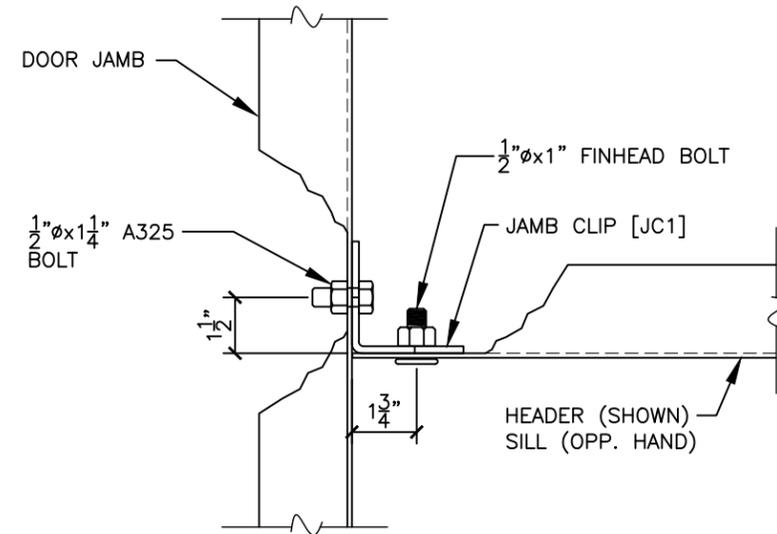
**CAPEE**  
 South Florida Pre-Engineered Components, LLC  
 885 Technology Drive  
 Dothan, AL 36503  
 (334) 699-8594  
 (334) 699-8596 FAX  
 www.builtwithapee.com

CUSTOMER: LMC STEEL  
 PROJECT: COLUMBIA COUNTY BRD. OF COMM.  
 LOCATION: LAKE CITY FL, 32055  
 JOB NUMBER: 25-08047  
 DESCRIPTION: SECTIONS AND DETAILS

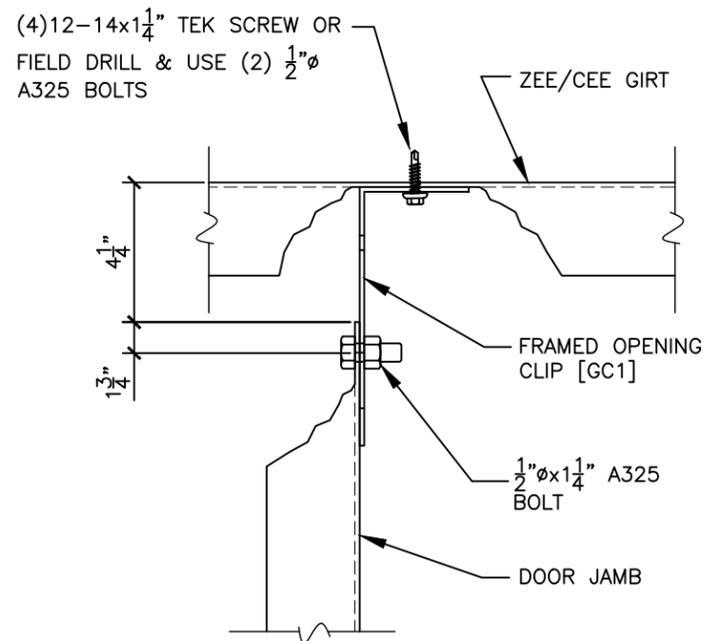
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 DRAWN BY: TM  
 DWG. NO. **D2**



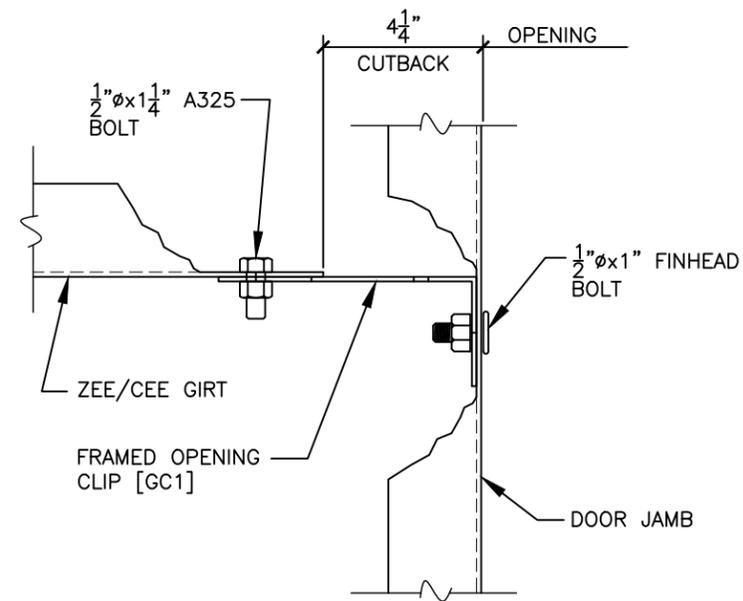
**DOOR JAMB TO CONCRETE CONNECTION**



**HEADER/SILL TO JAMB CONNECTION**



**JAMB TO GIRTS CONNECTION (TOP)**



**GIRT TO JAMB CONNECTION**

NO.	DATE	DESCRIPTION	BY	CHKD
A	11/19/25	FOR APPROVAL	TM	
B	12/2/2025	FOR PERMIT ONLY	TM	

**DRAWING STATUS**

FOR APPROVAL  
 THESE DRAWINGS, BEING FOR APPROVAL, ARE BY THE DESIGNER, NOT FINAL, AND ARE FOR CONCEPTUAL DESIGN ONLY. THEY ARE NOT TO BE USED FOR CONSTRUCTION. ANY CHANGES TO THESE DRAWINGS MUST BE APPROVED BY THE DESIGNER. THESE DRAWINGS, ONLY DRAWINGS ISSUED FOR CONSTRUCTION, CAN BE CONSIDERED AS COMPLETE.

THESE DRAWINGS, BEING FOR PERMIT, ARE BY DEFINITION NOT FINAL. IN THAT A MINIMUM OF 10% MARKINGS ARE NOT FINAL. IN THAT A MINIMUM OF 10% MARKINGS ARE NOT FINAL, THESE DRAWINGS CAN BE CONSIDERED AS COMPLETE. FOR CONSTRUCTION, THESE DRAWINGS ARE FINAL AND ISSUED FOR FIELD USE FOR BUILDING ERECTION.



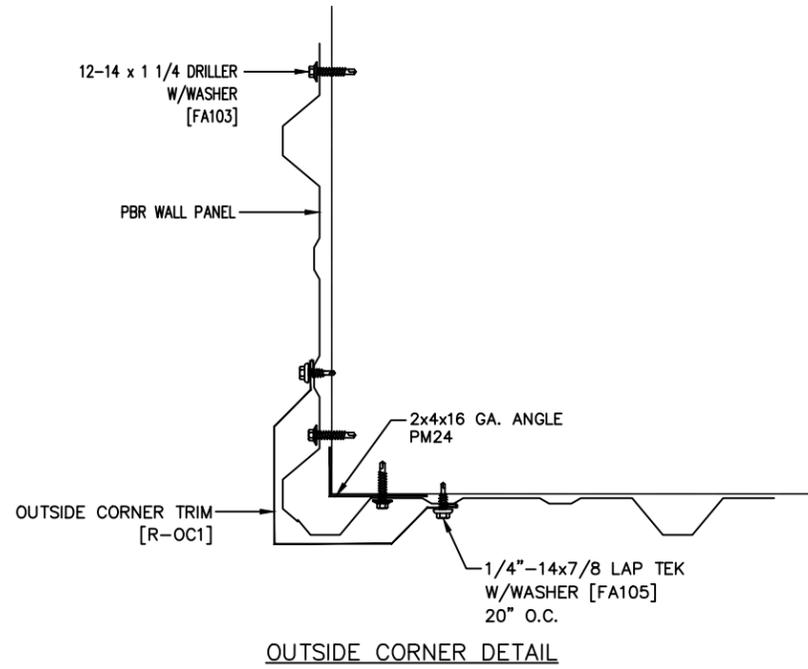
**ENGINEER SEAL**

**APECA**  
 Alabama Professional Engineers  
 986 Technology Drive  
 Dothan, AL 36503  
 (854) 699-6884  
 (854) 699-6886 FAX  
 www.builderapeca.com

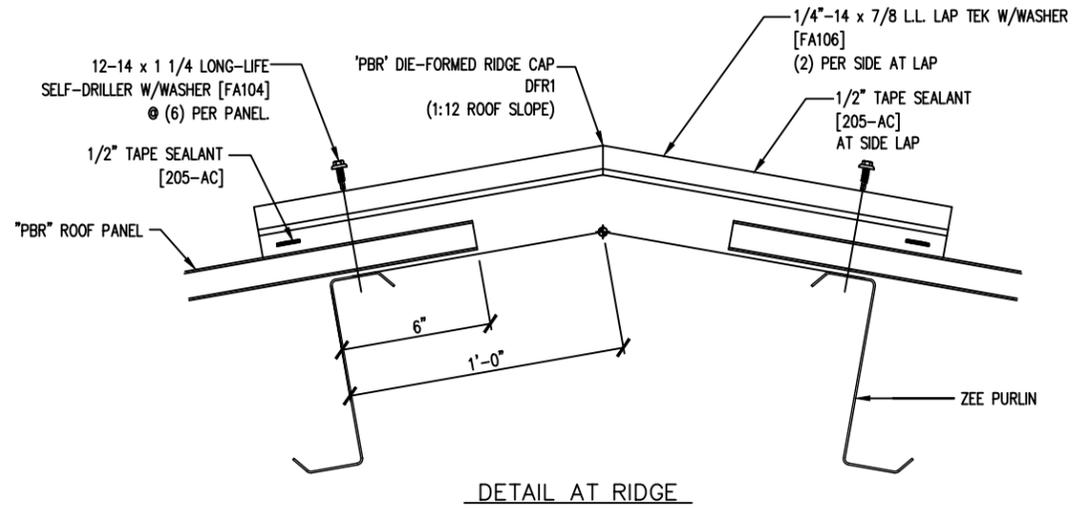
CUSTOMER: LMC STEEL  
 PROJECT: COLUMBIA COUNTY BRD. OF COMM.  
 LOCATION: LAKE CITY FL 32055  
 JOB NUMBER: 25-08047  
 DESCRIPTION: SECTIONS AND DETAILS

SCALE: NTS  
 DESIGN: AP  
 DRAWN BY: TM

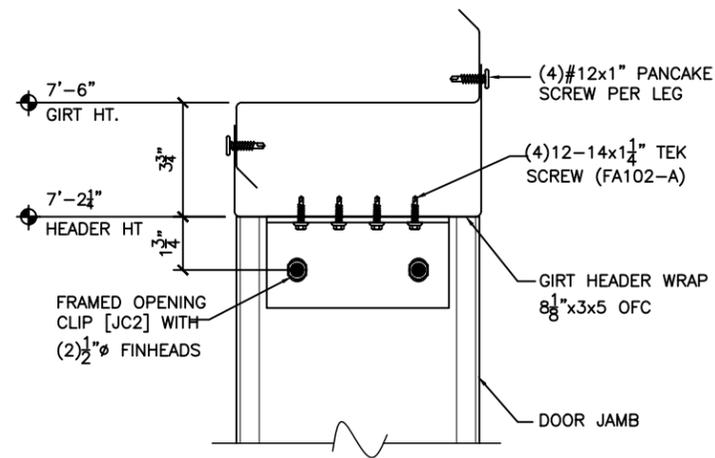
DWG. NO.  
**D3**



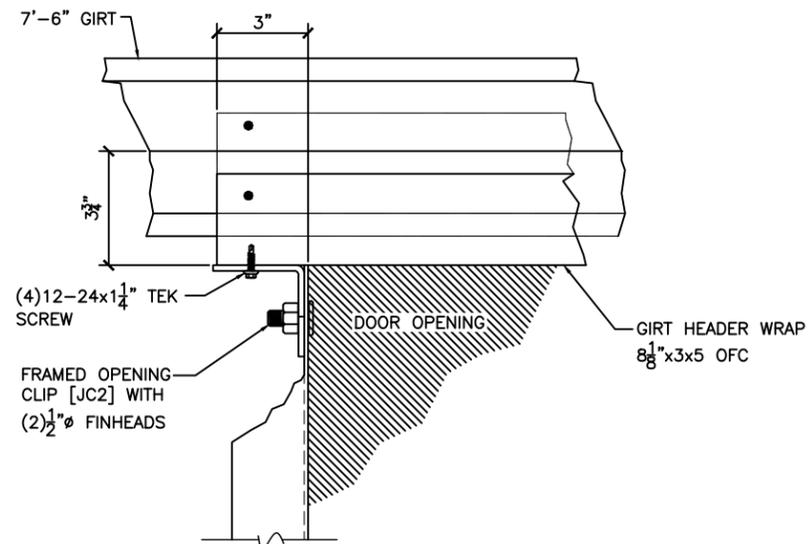
OUTSIDE CORNER DETAIL



DETAIL AT RIDGE



WALKDOOR JAMB AND HEADER DETAIL



WALKDOOR JAMB AND HEADER DETAIL

ISSUE		NO.	DATE	DESCRIPTION	BY	CHK'D
A	FOR APPROVAL		11/18/25		TM	
B	FOR PERMIT ONLY		12/2/2025		TM	

**DRAWING STATUS**

FOR APPROVAL: THESE DRAWINGS, BEING FOR APPROVAL, ARE BY DEFINITION NOT FINAL. THEY ARE FOR CONCEPTUAL DESIGN ONLY AND ARE NOT TO BE USED FOR CONSTRUCTION. ANY CHANGES TO THESE DRAWINGS MUST BE APPROVED BY THE PROJECT ARCHITECT.

FOR PERMIT: THESE DRAWINGS, BEING FOR PERMIT, ARE BY DEFINITION NOT FINAL. THEY ARE A MINIMUM SPECIFICATION AND ARE NOT TO BE USED FOR CONSTRUCTION. ANY CHANGES TO THESE DRAWINGS MUST BE APPROVED BY THE PROJECT ARCHITECT.

ISSUED FOR FIELD USE FOR BUILDING ERECTION

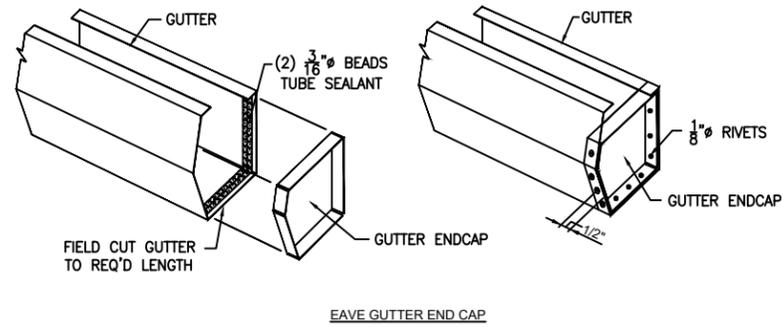
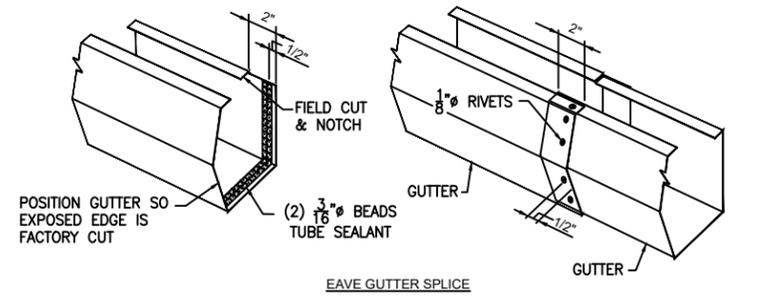


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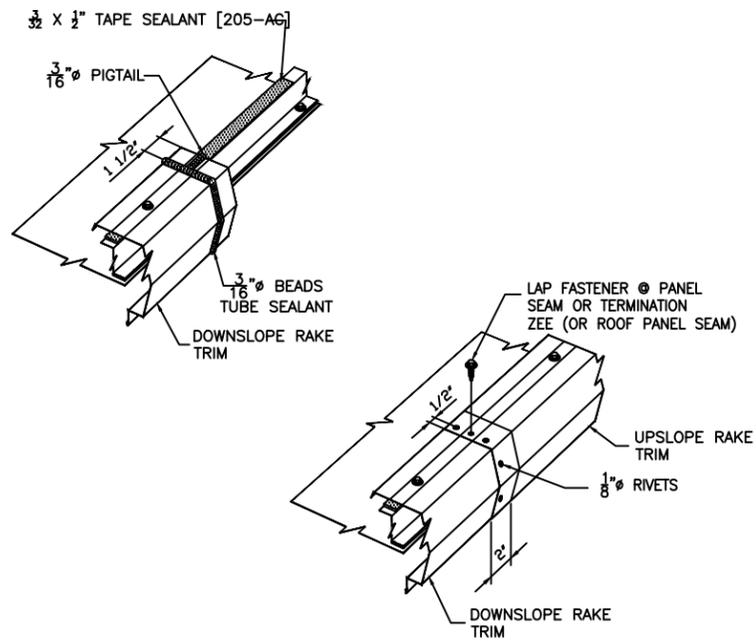
CUSTOMER: LMC STEEL  
 PROJECT: COLUMBIA COUNTY BRD. OF COMM.  
 LOCATION: LAKE CITY FL, 32055  
 JOB NUMBER: 25-08047  
 DESCRIPTION: SECTIONS AND DETAILS

SCALE: NTS  
 DESIGN: AP  
 DRAWN BY: TM  
 DWG. NO. **D4**

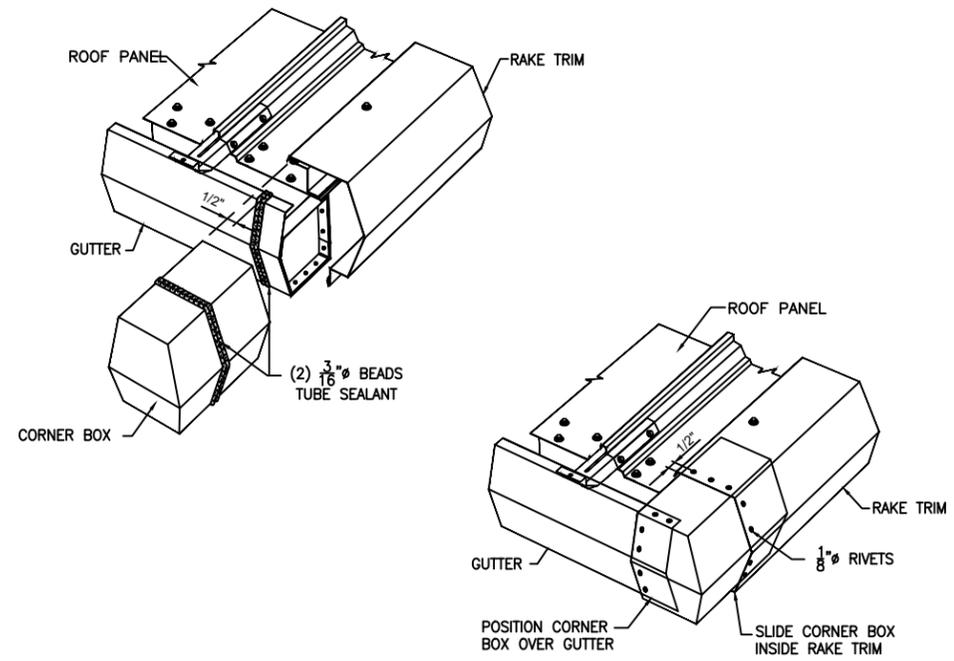




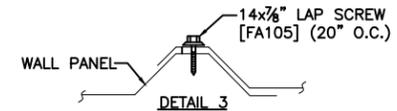
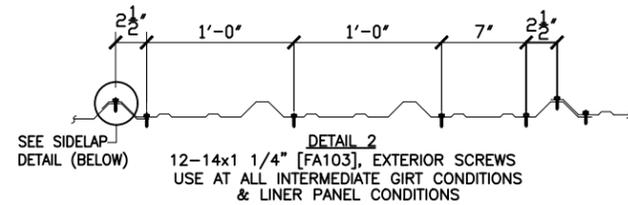
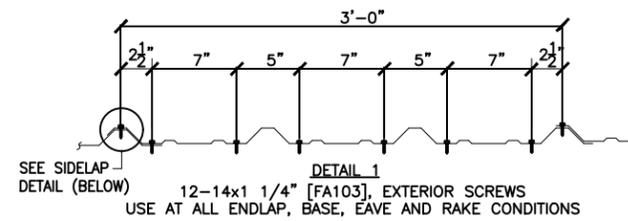
**ISOMETRIC VIEW OF GUTTER SPLICE**



**ISOMETRIC VIEW OF RAKE SPLICE**



**ISOMETRIC VIEW OF CORNER BOX INSTALLATION**



**PBR WALL PANEL PROFILE & FASTENERS**

ISSUE	
NO.	DATE
A	11/18/25
B	12/2/2025

DRAWING STATUS	
<input type="checkbox"/>	PER APPROVAL BEING FOR APPROVAL ARE BY THESE DRAWINGS ONLY, THEIR PURPOSE IS TO REPRESENT THE PROJECT AS SHOWN IN THESE DRAWINGS. ANY CHANGES TO THE PROJECT CAN BE CONSIDERED AS COMPLETE.
<input checked="" type="checkbox"/>	PER APPROVAL BEING FOR PERMIT USE BY PERMITTING AGENCIES. THESE DRAWINGS ARE NOT TO BE USED FOR CONSTRUCTION OF THE PROJECT UNLESS THEY ARE ISSUED FOR FIELD USE FOR BUILDING ERECTION.

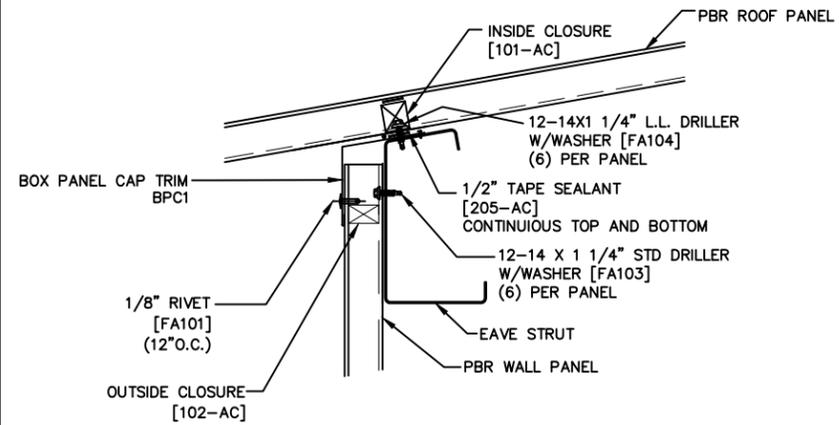


**TAPEE**  
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 (334) 699-8596 FAX  
 www.builtwithtapee.com

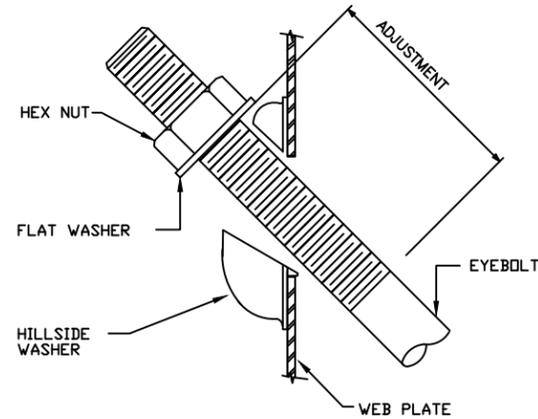
CUSTOMER: LMC STEEL  
 PROJECT: COLUMBIA COUNTY BRD. OF COMM.  
 LOCATION: LAKE CITY FL, 32055  
 JOB NUMBER: 25-08047  
 DESCRIPTION: SECTIONS AND DETAILS

SCALE: NTS  
 DESIGN: AP  
 DRAWN BY: TM  
 DWG. NO. **D6**

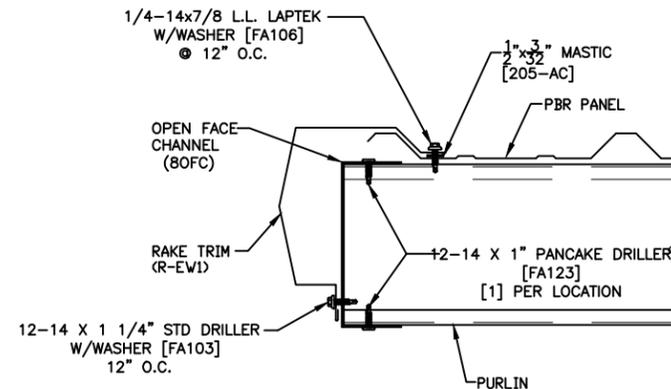
12-08-2025



SECTION THRU EAVE AT ROOF EXTENSION  
(WITH WALL PANEL)

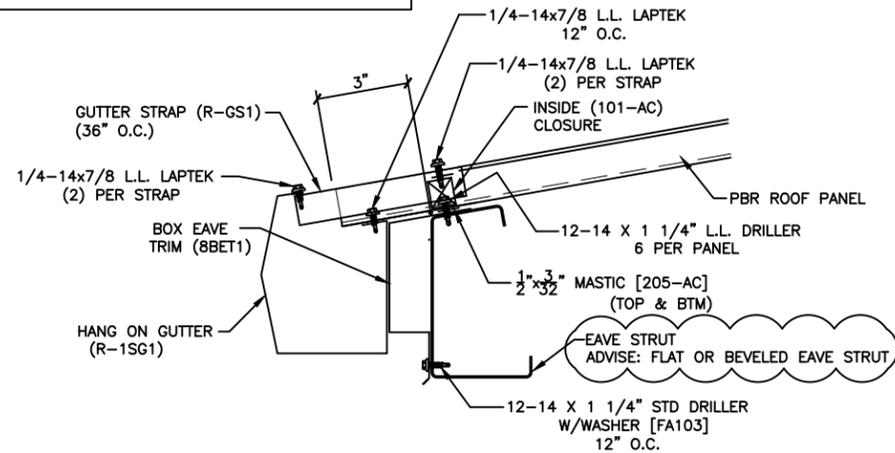


TYPICAL BRACE CONNECTION

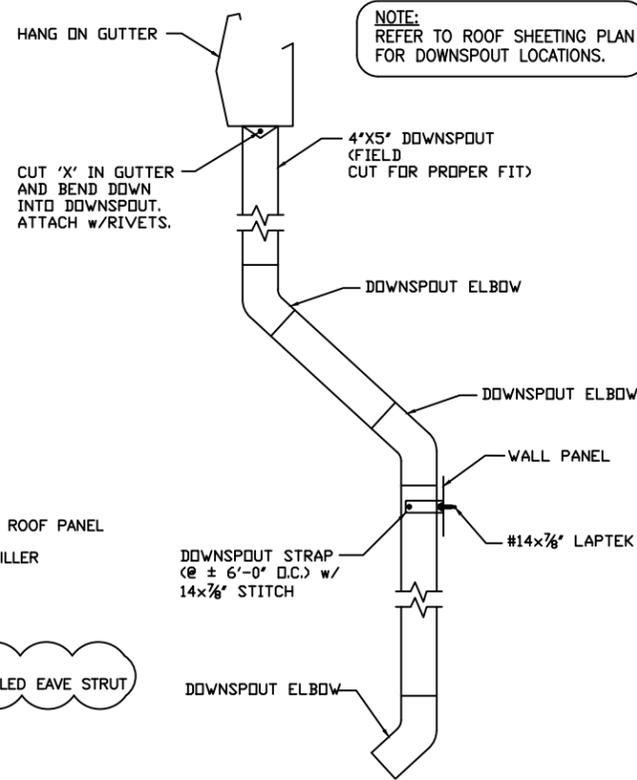


SECTION THRU RAKE  
(WITHOUT WALL PANEL)

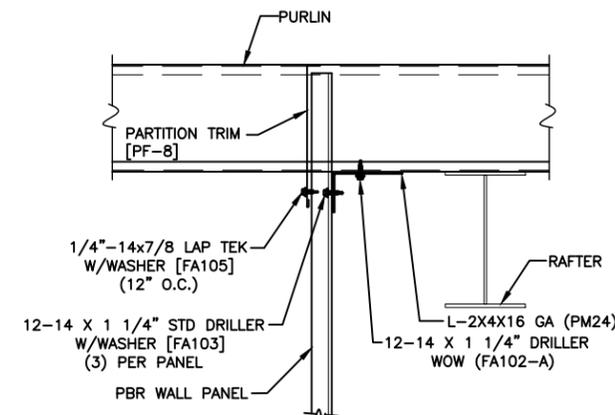
**NOTE:**  
1. ATTACH BOX EAVE TRIM TO EAVE MEMBER WITH (2) POP RIVETS PER SECTION.  
2. INSTALL (1) RUN OF 1/2\"/>



SECTION THRU EAVE WITH GUTTER  
(WITHOUT WALL PANEL)



DOWNSPOUT DETAIL



SECTION THRU INTERIOR PARTITION

ISSUE	
NO.	DESCRIPTION
A	11/18/25 FOR APPROVAL
B	12/5/2025 FOR PERMIT ONLY

**DRAWING STATUS**

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EIR PERMIT: THESE DRAWINGS, BEING FOR PERMIT, ARE BY REPRESENTATION ONLY. THIS PERMIT IS TO CONFIRM PROPER INTERPRETATION OF THE PROJECT AND DOES NOT CONSTITUTE A GUARANTEE OF THE PROJECT OR THE QUALITY OF THE WORK.

FOR CONSTRUCTION: THESE DRAWINGS, BEING FOR CONSTRUCTION, CAN BE CONSIDERED AS COMPLETE.

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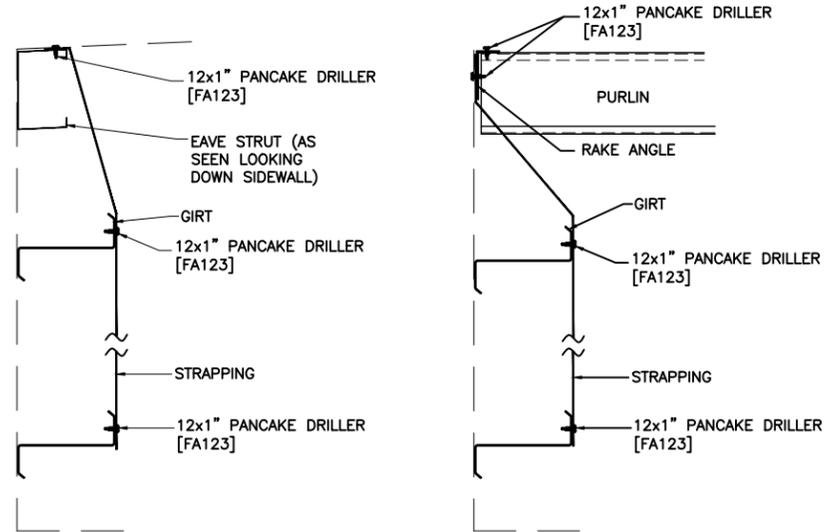


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Dothan, AL 36503  
(334) 699-8894  
(334) 699-8895 FAX  
www.builtwithapee.com

CUSTOMER: LMC STEEL  
PROJECT: COLUMBIA COUNTY BRD. OF COMM.  
LOCATION: LAKE CITY FL, 32055  
JOB NUMBER: 25-08047  
DESCRIPTION: SECTIONS AND DETAILS

SCALE: NTS  
DESIGN: AP  
DRAWN BY: TM  
DWG. NO. **D7**

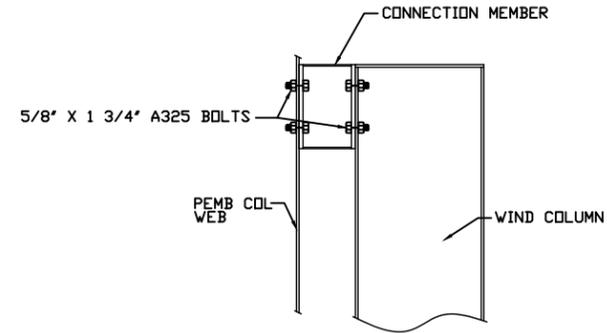
12-08-2025



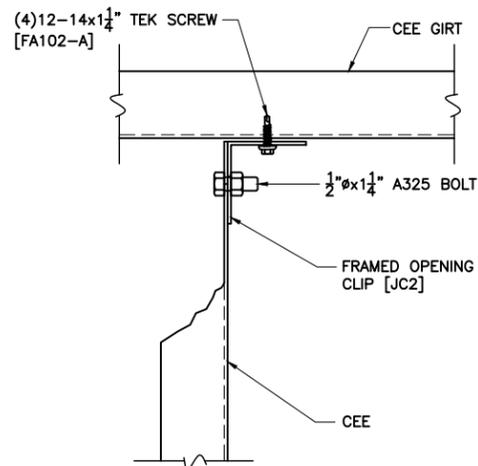
SECTION @ SIDEWALL

SECTION @ ENDWALL

TYPICAL WALL STRAPPING DETAIL



WIND BENT OR WIND COLUMN CONNECTION



JAMB TO CEE GIRTS CONNECTION (TOP)

ISSUE	
NO.	DATE
A	11/18/25
B	12/5/2025

DRAWING STATUS	
<input type="checkbox"/>	PER APPROVAL: THESE DRAWINGS, BEING FOR APPROVAL, ARE BY REPRESENTATION ONLY. THE PURPOSE IS TO CONFIRM PROPER UNDERSTANDING OF THE PROJECT AND TO IDENTIFY ANY DISCREPANCIES. THIS DRAWING CAN BE CONSIDERED AS COMPLETE.
<input checked="" type="checkbox"/>	PER PERMIT: THESE DRAWINGS, BEING FOR PERMIT, ARE BY REPRESENTATION ONLY. THE PURPOSE IS TO CONFIRM PROPER UNDERSTANDING OF THE PROJECT AND TO IDENTIFY ANY DISCREPANCIES. THIS DRAWING CAN BE CONSIDERED AS COMPLETE.
<input type="checkbox"/>	FOR CONSTRUCTION: THESE DRAWINGS, BEING FOR CONSTRUCTION, ARE BY REPRESENTATION ONLY. THE PURPOSE IS TO CONFIRM PROPER UNDERSTANDING OF THE PROJECT AND TO IDENTIFY ANY DISCREPANCIES. THIS DRAWING CAN BE CONSIDERED AS COMPLETE.



12-08-2025

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 Dothan, AL 36303  
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CUSTOMER: LMC STEEL	BRD. OF COMM.
PROJECT: COLUMBIA COUNTY	
LOCATION: LAKE CITY FL, 32055	
JOB NUMBER: 25-08047	
DESCRIPTION: SECTIONS AND DETAILS	

SCALE: NTS
DESIGN: AP
DRAWN BY: TM

DWG. NO.  
**D8**